

## THE INSTITUTION

Shivaji College, accredited with **grade “A” by NAAC**, takes pride in celebrating its 56th Annual Day. Founded in 1961 by renowned social activist and farmer-leader, Hon’ble **Dr. Panjab Rao Deshmukh**, then Union Minister for Agriculture, the College functioned from a temporary building in village Matiala and relocated to Karampura in 1967 after it was taken over by the Delhi Government. It finally shifted to its present location in 1976.

Shivaji College is an esteemed College under the flagship of University of Delhi and is situated in West Delhi. Our College offers **26 undergraduate and 3 post-graduate courses**. Aiming at all round academic development of students, they are provided with theoretical foundations and practical experiences. The College has a great diversity, with students from different cultural, geographical (from all parts of India and neighbouring countries) and economic backgrounds, obtaining admission, but are treated equally as Shivajians. A number of these students are **first generation learners** whose parents have no academic background. This diversity of learners adds to the academic brilliance which keeps in tune with the motto of the College ‘*Amritam tu Vidya*’ (Knowledge is an eternal and never ending process).

The College is a **vehicle free, ragging free, smoke free campus** fitted with **solar power panels**. This green practice reduced pollution and rendered the air fresh and clean for breathing. It is involved in several good practices: has a **vermicomposting pit, rainwater harvesting facility** and **herbal garden**. The College is a champion for gender awareness and sensitization which leads to erasing gender bias and gender inequality. One of the biggest achievements of the institution is the formulation of “**Jijabai Achievevers’ Awards**” through which Shivaji College felicitates citizens who have worked tirelessly for women empowerment, with determination and perseverance.

The hygienic, environment–friendly campus, spacious and ventilated classrooms and corridors, well-stocked library, large auditorium with state of the art acoustics, well maintained laboratories for all science courses and a vast sports ground, has helped Shivaji College set a high benchmark in terms of excellence and achievements in various fields. Shivajians uphold their legacy of excellence by bringing laurels to the College and obtaining top positions in various co-curricular and extracurricular activities conducted at International and National levels.



## CHIEF GUEST



### **Shri Manohar Gopalkrishna Prabhu Parrikar**

Hon'ble Minister, Union Minister of Defence

Government of India

Respected Chief Guest Shri Manohar Gopalkrishna Prabhu Parrikar, is an eminent Indian politician from the Bharatiya Janata Party who is the current Defense Minister of India. Before being inducted into the Council of Ministers of the Union Government on 9<sup>th</sup> November 2014, he has been elected thrice as the Chief Minister of the beautiful coastal state of Goa. He is a member of the Rajya Sabha from Uttar Pradesh.

Born in Mapusa (Goa), he completed his secondary education from Loyola High School, Margao. He joined the *Rashtriya Swayamsevak Sangh* (R.S.S.) at a very young age and imbibed the virtues of discipline, progressiveness, gender equality, equality of all before the law, nationalism and social responsibility. Shri Parrikar obtained his B. Tech (MET) degree from Indian Institute of Technology (I.I.T.) Powai, Mumbai. He is the first I.I.T. graduate to become the Chief Minister of any Indian state. He is an Associate Member of Indian Institute of Welding and Indian Institute of Engineers Fluid Powered Society of India. He was felicitated with the Distinguished Alumnus Award by I.I.T. Powai, in 2001. He was also awarded the CNN-IBN Indian of the Year in the category of politics for his immense and selfless contribution to the state of Goa.

Shri Parrikar, was persuaded by the Prime Minister of India, Hon'ble Shri Narendra Modi to join the Central Government. As the Defense Minister, he has since been credited with transparent, efficient and fast decision making with remarkable administrative as well as organizational skills.



## PRINCIPAL'S REPORT

It gives me immense pleasure to welcome our hon'ble **Chief Guest, Shri Manohar Gopalkrishna Prabhu Parrikar**, Union Minister of Defence, Government of India, to the 56<sup>th</sup> Annual Day celebration of our College. He has exceptional administrative as well as organisational skills and has held various positions of eminence throughout his career. I thank you Sir, for having accepted our invitation to be the Chief Guest of the day.

Shivaji College, accredited with grade "A" by NAAC, is a constituent College of the University of Delhi and is a co-educational institute with 4000 students consisting of 17 Departments offering 26 undergraduate courses and 3 postgraduate courses. The faculty comprises of 200 teaching and 110 non-teaching members.

The academic session of 2016-17 has brought many accomplishments and also given us the direction for soaring higher. Shivaji College is consistently working to find new ways to reduce pollution and create a clean and green environment. With this objective, the College maintains a **vehicle and smoke free campus**, with **paper recycling** units, practices **rain harvesting** techniques, carries out **vermicomposting**, and also maintains of a **herbal garden** with plants of medicinal value. In keeping with this tradition of promoting environment-friendly measures, our College has installed **solar power panels (SPP)** in May, 2016, on the rooftop of the College. This is a tremendous step for the College towards the production of green energy and making the campus self-sufficient in power generation and reducing the carbon footprint.

Shivaji College instituted the **Jijabai Achievers' award** in 2009, and every year, individuals who have worked at grassroot level in changing the lives of women are felicitated. It is the only such award of its kind in the University of Delhi. **Jijabai Achievers' Awards 2017** was awarded to seven individuals who worked significantly to make a difference in the lives of women. The College has a proactive **Women's Development Cell (WDC)** which aims at creating social awareness and sensitization towards gender equality. This year, WDC collaborated with **One Billion Rising (OBR)**, **Maitri India**, **Men Engage Delhi**, and **Centre for Advocacy and Research (CFAR)** and **Nazariya** for organizing various awareness programmes throughout the year. The release of a coffee table book, an annual feature, is a reflection on extraordinary life journeys of the ordinary individuals who promote gender equality. This year, the coffee table book "**Udayan: A New Beginning**" and a documentary **Mera Wajood** was released. The awards are conferred upon individuals with extraordinary contributions in the field of women safety, health, social security, education, skill enhancement, etc.

The quality of education provided by a College depends on the expertise of both the teaching as well as non-teaching staff. In order to build academic leadership, the faculty members are encouraged to update their skills by attending refresher and orientation courses, exchange programs and workshops. The College organized several national conferences, seminars, lecture series and workshops to provide a platform to the teaching staff to interact and brain storm with eminent personalities. The College also organized two workshops exclusively for non-teaching staff of the University of Delhi and its Colleges on "Enhancement of General Administrative Skills in Higher Educational Institutes" and "Workshop on Labskill for training the laboratory staff of Chemical and Life Sciences".

The College is very strict regarding maintenance of discipline in campus and has various

committees like **Discipline Committee**, **Anti Ragging Committee** and **Committee against Sexual Harrassment**. CCTV cameras are installed at strategic places in the College for **electronic surveillance** of the students. Delhi Police also gives intensive support to aid the College in this purpose during all major functions and events.

The College has a spacious and a well equipped library consisting of 86,000 books. Shivaji College is committed towards excellence in education and helps the weak students of different subjects by organising **remedial coaching classes**.

It gives me great pride to enlist few activities carried out and the accomplishments of the faculty and student members of Shivaji College.

## **DEPARTMENTAL ACTIVITIES**

The various departments of the College have enthusiastically organized events like conferences, seminars, workshops, talks and inter and intra College competitions. Some major highlights of the year were:

- Department of Business Economics organised lectures by Dr. A. T. K. Raman (Ex-Professor IMT & Ex-VP-M&A, Arcelor Mittal) on the topic: “**Everything you need to know about Goods and Services Tax**” on 29<sup>th</sup> August, 2016 and by Mr. Dheeraj Singh, BDM, IMS on “**How to crack an interview**” on 13<sup>th</sup> February, 2017.
- Department of Biochemistry organized a lecture under “**Biochemistry Lecture Series**” by **Prof. Sameer Bakshi** from Department of Medical Oncology, Dr. B. R. A. Institute Rotary Cancer Hospital, All India Institute of Medical Sciences (AIIMS), in 20<sup>th</sup> September, 2016.
- Department of Biochemistry organized an educational trip to **Advanced Instrumentation Research Facility (AIRF) of Jawaharlal Nehru University (JNU)** with the aim to acquaint the students with the latest development in the field of Research and Development, on 26<sup>th</sup> October, 2016.
- The students of the Department of Biochemistry were also taken to the **Institute of Genomics and Integrative Biology (IGIB)**, Mall Road, Delhi to get an exposure to various research laboratories during their open days on 14<sup>th</sup> October and 4<sup>th</sup> November, 2016.
- Department of Botany organized a **workshop** on “**Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)**”, in collaboration with Department of Zoology, Shivaji College and Department of Environmental Studies, North Campus, University of Delhi, 23<sup>rd</sup> June 2016.
- Department of Botany organized a one day educational programme on “**Organic Farming**” and visit to Department of Microbiology and Department of Blue Green Algae, IARI, New Delhi on 3<sup>rd</sup> October, 2016.
- The Department of Chemistry organised its annual academic festival “**Rastantrum**” on 27<sup>th</sup> February, 2017. Dr. G. S. Sodhi delivered a lecture on “Application of Chemistry in

solving crime cases”.

- The Department of Commerce organised a **Visit to Bombay Stock Exchange** Office, on 22<sup>nd</sup> September, 2016 and **Visit to Securities and Exchange Board of India** on 5<sup>th</sup> October, 2016.
- Department of Commerce along with UGC and ICSSR organized a National Conference on **“Globalization, Economic Development and Sustainability”** on 29<sup>th</sup> March, 2016. Keynote lecture was delivered by Prof. K. V. Bhanumurthy from Delhi School of Economics on “Globalization, Economic Development and Sustainability”.
- Department of Commerce organized a week long **National Level Faculty Development Programme** on “Research Methodology and Data Analysis”, November 21<sup>st</sup> - 27<sup>th</sup>, 2016.
- Department of Commerce also organized Lectures on **“Investment in Stock Markets and Creating Wealth”** on 11th January 2017 and **“GST and its Impact on Taxation System in India”** on 22<sup>nd</sup> February, 2016.
- Several interCollege activities were organized for practical exposure of theoretical knowledge for the students of Commerce
  - Slogan writing competition on **“Digital Banking and Cashless Transactions”** on January 24, 2017
  - **MOCKSTOCK–STOCKWARS** on 22<sup>nd</sup> February, 2017 in collaboration with ICICI Securities
  - **BESPEAK-GROUP DISCUSSION** on 22<sup>nd</sup> February, 2017 sponsored by Career Launcher
- Department of Computer Science organized its Annual technical Festival **“Techelons”** on 9<sup>th</sup>-10<sup>th</sup> March, 2016. Prof. Vasudha Bhatnagar from University of Delhi delivered the inaugural address.
- The Department of Economics invited Prof. Arun Kumar from Centre for Economic Studies and Planning, School of Social Sciences, Jawaharlal Nehru University to deliver a talk on **“Goods and Services Tax (GST) Regime: Challenges and Prospects”** on 16<sup>th</sup> September, 2016.
- The Department of Economics organized its Annual Academic Festival **“Pareto”** on 28<sup>th</sup> February 2017. Mr. Gautam Chikermane, Eminent Writer (Economics, Politics and Religion) delivered the inaugural address and Professor Surajit Mazumdar, Centre for Economic Studies and Planning, Jawaharlal Nehru University delivered the keynote address during the inaugural session.
- Department of English organised a National Conference on **“Many Patriarchies, Many Positionalities: Re-interrogating Gender in Narratives from North-East India”** India on 16-17<sup>th</sup> February, 2017. The conference was graced with the presence of Hon’ble Union Minister of state Home Affairs, Government of India, Shri Kiren Rijju.

- Department of English also organised an outstation trip to Kannatal, Uttarakhand during 13-16<sup>th</sup> October, 2016.
- Department of Geography, Shivaji College, organised its annual academic festival, “**Shivalik**” on 3<sup>rd</sup> March, 2017. **Prof. C. S. Dubey** (Department of Geology, University of Delhi) and **Dr. Anil Kumar Gupta** (National Institute for Disaster Management) delivered lectures during their academic event.
- Department of Hindi organised ‘**Sahitya Sangam**’ on 7<sup>th</sup> September, 2016 and ‘**Antarashtriya Matra Bhasha Divas**’ on 21<sup>st</sup> February, 2017.
- Department of Hindi also organised an educational tour for the students to Taj Mahal on 22<sup>nd</sup> October, 2016.
- Department of History organised an educational trip to the National Museum, New Delhi, on 21 st October 2016.
- Faculty members of Department of Biochemistry and Department of Mathematics organized **Five Health Camps - World Health Day**–7<sup>th</sup> April, 2016, **World Asthma Day**–3<sup>rd</sup> May, 2016, **Health Camp** from 19<sup>th</sup> September, 2016–1<sup>st</sup> October, 2016, **World Heart Day**–29<sup>th</sup> September, 2016 and **Health Awareness Desk**–18<sup>th</sup>-19<sup>th</sup> October, 2016.
- The departments of Sciences organized a “**Labskill Workshop for the laboratory staff of Chemical and Life Sciences**” from 31<sup>st</sup> May - 3<sup>rd</sup> June 2016, to keep the laboratory staff of the Science departments abreast with various aspects of laboratory maintenance.
- The departments of Sciences also organized “**An interdisciplinary workshop for the faculty of Science Departments of Shivaji College**” on 24th September and 1st October 2016 to familiarize the faculty members with laboratory techniques adopted in various departments.
- Department of Physics successfully organized a workshop “**Pratibimb**” on January 31<sup>st</sup>, 2017 that involved lectu educational trip res by eminent scientists **Prof. Patrick Das Gupta** (Department of Physics & Astrophysics, DU), **Dr. Rintu Nath** (Vigyan Prasara, DST, Govt. of India) and **Prof. Sanjay Jhingan** (Center for Theoretical Physics, Jamia Millia Islamia). The workshop had a good response with participation of around 200 students from various Colleges of University of Delhi.
- Department of Sanskrit organised a seminar on “**Modern science in Vedas**” on 21<sup>st</sup> February, 2017.
- Department of Science and Technology (DST) alongwith the Science departments organized **INSPIRE Internship Science Camp** sponsored by from 14th -18th December, 2016. The 5 days camp was attended by 237 students highly meritorious students from 28 Schools of Delhi-NCR and was a grand success.
- A lecture series was organised under the umbrella of **Science-Setu Programme** for the students of biological sciences. Dr Chandrima Shaha, Director and Dr. Rahul Pal, Scientist, National Institute of Immunology gave insightful lecture and motivated the



students to take up science as a career.

## **EXTRA-CURRICULAR ACTIVITIES**

The various committees/societies of Shivaji College work tirelessly throughout the year and have organized various activities and events.

- An **Orientation Programme** was organised by the cultural committee on 20<sup>th</sup> July 2016 to smoothen the process of induction of the freshers in the College by disseminating all kinds of information useful for them and counselling them. The wards of the students were present in a sizeable number and the programme culminated with music and theatre performances.
- Two programmes of dance and music were organised by cultural committee collaboration with **SPIC MACAY** on 18<sup>th</sup> October. **Dr. Deepti Om Chery Bhalla** performed Mohiniattam and **Janab Hasnain Nizami** and his troupe sang qawwalis.
- The **Independence Day** celebrations were organized by cultural committee on 23<sup>rd</sup> August, 2016 with music and dance renditions and at the stroke of 11.00 am the National Anthem was sung collectively along with the other institutions of the University.
- The Annual Cultural Festival **VIBRATIONS 2017** was organised on 9<sup>th</sup>- 10<sup>th</sup> February 2017. Twelve competitive events were organised by the seven cultural societies in which dozens of teams from various universities participated. The festival reverberated with Sufi music by **Shri Dhruv Sangari** in the Inauguration, Qareeb Band's medleys on first evening and Bollywood singer **Ms. Shalmali Kholgade's** performance in the grand finale.
- A **Plantation drive** was organised by the Eco Club members on 5<sup>th</sup> September 2016, for encouraging the faculty and students to plant trees in their backyard.
- Eco-Club organised a lecture on **Climate Change and India** delivered by **Dr. Subodh Kr. Sharma** Former Advisor of Ministry of Environment Forest and Climate Change in College auditorium on 4<sup>th</sup> November, 2016.
- Eco-club organized a one day programme in the College campus to create "**Environmental Awareness on Fuel Conservation**" on 14<sup>th</sup> February, 2017.
- A **Traffic Awareness Programme** was organised by NSS in coordination with Delhi Traffic Police on 20<sup>th</sup> August, 2016.
- **Yoga day** was organised by NSS on the occasion of the 2<sup>nd</sup> International Yoga Day, on 21<sup>st</sup> June, 2016.
- NCC cadets and NSS members participated in **Swachhata Pakhwada** on 29-30<sup>th</sup> August, 2016 with the aim to clean the College and nearby places.
- The NSS Unit of Shivaji College organised a campaign against Drug addiction **Niswarth Seva Diwas** on 22<sup>nd</sup> September, 2016.

- The NSS volunteers along with volunteers of **Leaders for Tomorrow** organised a rally **Cleanliness Drive and Awareness** from Shivaji College to Raghbir Nagar on 21<sup>st</sup> October, 2016.
- NSS team of Shivaji College launched an **Online Campaign against Pollution** on 2<sup>nd</sup> November, 2016, by taking advantage of social media as a medium to mobilize people for a cause.
- **Voluntary Blood Donation camp** was organized by the NSS team in collaboration with Rotary Club on 8<sup>th</sup> November, 2016.
- A training session on cashless transactions was organised for NCC cadets on 3<sup>rd</sup> January, 2017 under **Vittiya Saksharta Abhiyan**
- Workshop on **"Promoting Intergenerational Bonding"** was organised by the NSS team on 10th January, 2017.

## OUTREACH PROGRAMMES

Shivaji College organizes various outreach programmes as a part of its Institution-neighbourhood Development initiative.

1. **Pehal : Ek Prayaas** is a "pehal" taken by NSS volunteers of Shivaji College. It was an education drive from 18<sup>th</sup> January 2017 to 20<sup>th</sup> February 2017, during which volunteers devoted two hours daily for providing better quality education to under privileged children of Raghbir Nagar (slum area). The five day programme ended on 20<sup>th</sup> February, 2016 with NSS festival “**Nishkaam**”

## TEACHERS’ ACCOMPLISHMENTS

- Dr. Darshan Malik received **Meritorious Teacher Award** for the session 2015-16, by the Govt. of Delhi
- Dr. Darshan Malik received **Teacher’s Excellence Awards 2016** by Indian Education Network.
- Dr. Amarjiva Lochan received **Vidushi Vidyottama National Award** for the Contribution to the Indology, Ujjain, India, 2016.
- Dr. Shashi Nijhawan, Dr. Kiran Bamel and Dr. Aeshna Nigam received along with their students “**Certificate of Appreciation**” for their project ‘Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi’ by University of Delhi on 19<sup>th</sup> November, 2016.
- Dr. Shashi Nijhawan, Dr. Kiran Bamel and Dr. Aeshna Nigam along with their students received **Most Significant Societal Impact** certificate for their research project by University of Delhi on 19<sup>th</sup> November, 2016.
- Dr. Rashmi Wardhan and Dr. Prabhavati along with their students received “**Certificate**

**of Appreciation”** for the project titled “L-Asparaginase, an anti-tumor agent: Production, Characterization and Molecular Approach” by University of Delhi the Convention Centre, on 19<sup>th</sup> November, 2016.

- Dr. Rashmi Wardhan and Dr. Prabhavati along with their students received **Best Poster** certificate for project titled “L-Asparaginase, an anti-tumor agent: Production, Characterization and Molecular Approach”, by the University of Delhi, on 19<sup>th</sup> Nov 2016.
- Dr. Rashmi Wardhan and Dr. Prabhavati along with their students received **Best poster award** for “ Isolation ,identification ,purification and optimization of different parameters of L Asparaginase from microorganism Alcaligene faecalis in Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi ,held on 25th - 26th oct. 2016
- Dr. Darshan Malik, Dr. Jayita Thakur, Dr. Ankita Dua and Dr. Jitendra Aggarwal alongwith their students received the “**Certificate of Appreciation”** for project titled “Lifestyle disorders: Etiology, Awareness & Management” by University of Delhi on 19<sup>th</sup> November, 2016.
- Dr. Darshan Malik, Dr. Jayita Thakur, Dr. Ankita Dua and Dr. Jitendra Aggarwal alongwith their students also received Certificate for the “**Most Significant Societal Impact”** for project titled “Lifestyle disorders: Etiology, Awareness & Management” by University of Delhi on 19<sup>th</sup> November, 2016.
- Dr. Deepika Yadav, Dr. Misha Yadav and Dr. Smita Tripathi alongwith their students also received “**Certificate of Appreciation”** awarded to project ‘Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi’ by University of Delhi on 19<sup>th</sup> November, 2016.
- Dr. Deepika Yadav, Dr. Misha Yadav and Dr. Smita Tripathi alongwith their students also received received Certificate for “**Most Significant Societal Impact”** for the the project ‘Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi’ by university of Delhi on 19<sup>th</sup> November, 2016.
- Ms. Anshu Chopra, Preeti Sharma Ms. Mamta Datt and Ms. Abha Vasal alongwith their students received the “**Certificate of Appreciation”** for research display of innovation project ‘Real Time Android Application for Travel Convenience’ by University of Delhi held on 19<sup>th</sup> November, 2016.
- Dr. Tejbir received the “**Certificate of Appreciation”** for research display of innovation project “Inventory and prospect of water conservation in western Rajasthan” by University of Delhi held on 19<sup>th</sup> November, 2016.

## STUDENT ACHIEVEMENTS

Students have won accolades to the College at National and International levels by presenting

their research work in conferences/seminar and also for participating in various extra-curricular activities.

All these achievements were possible because of the commitment of all concerned; the Administrative staff, the Teaching and Non-Teaching staff and the students. My whole hearted thanks to all parents and alumni who have been in touch with us during the year and their valuable suggestions to help us to improve. I am sure that our collective endeavor shall take our College to greater heights in serving the society in a meaningful and positive manner.

## ANNUAL REPORT 2015-16

The academic session 2016-17 has had a two-tiered structure in its undergraduate programmes. The fifth semester students continued with the Old Semester Mode, while the first and third semester studied as per the CBCS programme. An overview of the College in terms of student and staff strength, results and other important details are as follows:

### STUDENT STRENGTH 2016 (I<sup>st</sup>, II<sup>nd</sup> and III<sup>rd</sup> year)

#### Student Strength 2016-17 (I<sup>st</sup>, II<sup>nd</sup> & III<sup>rd</sup> Year)

| COURSE          | MALE        |            |            |            |           |             | FEMALE      |            |           |            |          |             |
|-----------------|-------------|------------|------------|------------|-----------|-------------|-------------|------------|-----------|------------|----------|-------------|
|                 | GEN         | SC         | ST         | OBC        | PH        | TOTAL       | GEN         | SC         | ST        | OBC        | PH       | TOTAL       |
| Science (UG)    | 338         | 122        | 26         | 319        | 3         | <b>808</b>  | 445         | 80         | 12        | 125        | 0        | <b>662</b>  |
| Commerce (UG)   | 110         | 70         | 10         | 101        | 5         | <b>296</b>  | 176         | 16         | 2         | 35         | 3        | <b>232</b>  |
| Humanities (UG) | 545         | 189        | 62         | 328        | 19        | <b>1143</b> | 532         | 75         | 16        | 82         | 3        | <b>708</b>  |
| PG              | 46          | 9          | 4          | 20         | 5         | <b>84</b>   | 8           | 2          | 0         | 1          | 0        | <b>11</b>   |
| <b>Total</b>    | <b>1039</b> | <b>390</b> | <b>102</b> | <b>768</b> | <b>32</b> | <b>2331</b> | <b>1161</b> | <b>173</b> | <b>30</b> | <b>243</b> | <b>6</b> | <b>1613</b> |

### STAFF STRENGTH

#### Teaching:

| Permanent—110 | Ad hoc—90    |
|---------------|--------------|
| a. Male—46    | a. Male—39   |
| b. Female—64  | b. Female—51 |

#### Non-Teaching:

| Non-Teaching (Permanent)                      | Non-Teaching (Contract)                       | Sulabh Workers         | Gardeners  | Security Guards   |
|---|---|------------------------|--|---|
| Male – 82<br>Female – 11<br><b>Total = 93</b> | Male – 16<br>Female – 01<br><b>Total = 17</b> | 11 + 1<br>(Supervisor) | Permanent – 1<br>Outsourcing Staff –<br>7 + 1 (Supervisor) | Permanent – 4<br>Outsourcing Staff –<br>11 + 1 (Supervisor) |

### RETIRED TEACHERS:

**List of Teaching Staff retired during 2016-17:**

Ms. Usha Sharda

Mr. P.R.Chadha

Dr. S.C. Goel

Dr. Usha Kanta Chaturvedi

**TEACHERS WHO AVAILED LEAVE DURING 2016-17:**

**Study Leave:**

Ms. Bharti, Department of Physics

Ms. Mamta, Department of Physics

**Sabbatical**

Dr. Surender Singh, Department of Geography

**Child Care Leave**

Ms. Mamta, Department of Physics

Ms. Mamta Dutt, Department of Economics

Dr. Misha Yadav, Department of Botany

Dr. Renu Baweja, Department of Biochemistry

Ms. Smita Tripathi, Department of Botany

Dr. Sunita Gupta, Department of Zoology

**STUDENTS' UNION**

The following students were elected to the Students' Union for the Year 2016-17

President : **Praveen Kumar**

Vice President : **Deepanshi Aggarwal**

Secretary : **Naveen**

Joint Secretary : **Anuj Malik**

Central Councillors : **Nitish Tehlan and Rahul Gurjar**

**RESULTS 2016**

**Result of Science, Commerce and Humanities 2016**

| Course                         | Year       | Student Appeared | 1st Div. | 2nd Div. | 3rd Div. | Passed | ER/<br>Promoted | Failed | Pass % |
|--------------------------------|------------|------------------|----------|----------|----------|--------|-----------------|--------|--------|
| Science<br>(Under Graduate)    | Ist Year   | 506              | 326      | 61       | 6        | 393    | 96              | 17     | 77.67  |
|                                | IIInd Year | 422              | 344      | 48       | 6        | 398    | 1               | 23     | 94.31  |
|                                | IIIrd Year | 334              | 272      | 36       | 5        | 313    | 0               | 21     | 93.71  |
| Commerce<br>(Under Graduate)   | Ist Year   | 186              | 101      | 31       | 1        | 133    | 52              | 1      | 71.51  |
|                                | IIInd Year | 156              | 115      | 25       | 12       | 152    | 0               | 4      | 97.43  |
|                                | IIIrd Year | 127              | 89       | 28       | 2        | 119    | 0               | 8      | 93.70  |
| Humanities<br>(Under Graduate) | Ist Year   | 665              | 397      | 96       | 10       | 503    | 138             | 24     | 75.64  |
|                                | IIInd Year | 644              | 318      | 179      | 67       | 604    | 1               | 39     | 93.79  |
|                                | IIIrd Year | 325              | 182      | 103      | 23       | 308    | 1               | 16     | 94.77  |
| Post Graduate                  | Prev. Year | 42               | 16       | 10       | 1        | 27     | 14              | 1      | 64.29  |
|                                | Final Year | 36               | 7        | 19       | 1        | 27     | 9               | 0      | 75.00  |

**List of students who received Best Student's Award in the year 2016-17**

| S.No. | Stream                | Course                                 | Name of Student     |
|-------|-----------------------|--|---------------------|
| 1     | Science               | B.Sc.(H) Zoology 3 <sup>rd</sup> Year  | Kamal Preet Kaur    |
| 2     | Maths, Commerce & BBE | B.Com.(H) 3 <sup>rd</sup> Year         | Vipin Tomar         |
| 3     | Humanities            | B.A(H) Geography 3 <sup>rd</sup> Year  | Rajat Patre         |
|       |                       | B.A.(H) Economics 3 <sup>rd</sup> Year | Enakshi Chakravorty |

**List of Topper Students in the Year 2016**

| S.No. | Roll No. | Course                        | Name of Student   | Father's Name         | Marks       |
|-------|----------|-------------------------------|-------------------|-----------------------|-------------|
| 1     | 15/83097 | B.Sc.(H) Mathematics 1st Year | Priya Goya        | Aaditya Goya          | CGPA - 8.91 |
| 2     | 14/83143 | B.Sc.(H) Mathematics 2nd Year | Shammi            | Devdutt               | 776/800     |
| 3     | 13/83139 | B.Sc.(H) Mathematics 3rd Year | Rahul Singh Karki | Govind Singh Karki    | 2855/3100   |
| 4     | 15/92004 | B.Com.(H) 1st Year            | Aastha Gupta      | Sanjay Gupta          | CGPA - 9.00 |
| 5     | 14/92011 | B.Com.(H) 2nd Year            | Ekta Singh        | Ravindra Pal Singh    | 887/1000    |
| 6     | 13/92006 | B.Com.(H) 3rd Year            | Pooja Mehra       | Yash Pal Mehra        | 2304/2600   |
| 7     | 15/91126 | B.Com.(P) 1st Year            | Manav Kapoor      | Baldev Krishan Kapoor | CGPA - 7.91 |
| 8     | 14/91015 | B.Com.(P) 2nd Year            | Sakshi Chhabra    | Navinder              | 773/900     |
| 9     | 15/11042 | B.A.(P) 1st Year              | Mohit             | Joginder              | CGPA - 8.23 |

|    |          |   |                  |                     |             |
|----|----------|---|------------------|---------------------|-------------|
| 10 | 14/11049 | B.A.(P) 2nd Year                            | Pooja            | Vinod Kumar         | 638/800     |
| 11 | 15/12035 | B.A.(H) English 1st Year                    | Ayushi Saxena    | Vinod Kr. Saxena    | CGPA - 8.00 |
| 12 | 14/12097 | B.A.(H) English 2nd Year                    | Shambhavi        | Sanjay Kumar Jha    | 534/800     |
| 13 | 13/12028 | B.A.(H) English 3rd Year                    | Hitaishi Bhatia  | Sushil Bhatia       | 1884/2600   |
| 14 | 15/14029 | B.A.(H) Sanskrit 1st Year                   | Jagmohan Kumar   | Ramesh Jha          | CGPA - 8.41 |
| 15 | 14/14043 | B.A.(H) Sanskrit 2nd Year                   | Seema            | Satish Kumar        | 618/800     |
| 16 | 13/14007 | B.A.(H) Sanskrit 3rd Year                   | Alok Kumar Jha   | Jiwachh Jha         | 2257/2600   |
| 17 | 15/61050 | B.Sc. Phy. Science with Chemistry 1st Year  | Shubham Gupta    | Praveen Gupta       | CGPA - 8.68 |
| 18 | 14/61003 | B.Sc. Phy. Science with Chemistry 2nd Year  | Ankit Saroha     | Bijender Singh      | 940/1100    |
| 19 | 44055    | B.Sc.(H) Zoology 1st Year                   | Amita Dwivedi    | U. K. Dwivedi       | CGPA - 8.41 |
| 20 | 44035    | B.Sc.(H) Zoology 2nd Year                   | Kamalpreet Kaur  | Gurprit Singh       | 996/1150    |
| 21 | 44007    | B.Sc.(H) Zoology 3rd Year                   | Debolina Kabasi  | Debabrata           | 2963/3600   |
| 22 | 43036    | B.Sc.(H) Botany 1st Year                    | Pragya Sharma    | Bhrigu Raj          | CGPA - 8.45 |
| 23 | 43035    | B.Sc.(H) Botany 2nd Year                    | Tanvi Sharma     | Mahesh Chand Sharma | 1076/1150   |
| 24 | 43022    | B.Sc.(H) Botany 3rd Year                    | Vibhu Mishra     | Sudhir Kumar Mishra | 3205/3600   |
| 25 | 43065    | B.Sc.(H) Botany 3rd Year                    | Abhishek         | Ranvir Singh        | 3205/3600   |
| 26 | 41062    | B.Sc.(H) Physics 1st Year                   | Pooja            | Sher Singh          | CPGA - 8.09 |
| 27 | 41027    | B.Sc.(H) Physics 2nd Year                   | Roopesh Jain     | Rajender Kumar Jain | 1130/1200   |
| 28 | 41029    | B.Sc.(H) Physics 3rd Year                   | Nikita Sharma    | Yogesh Kumar Sharma | 3143/3500   |
| 29 | 81022    | B.Sc.(H) Bio-Chemistry 1st Year             | Tarushi          | Ashok Kumar         | CGPA - 8.32 |
| 30 | 81025    | B.Sc.(H) Bio-Chemistry 2nd Year             | Srishti Sharma   | R. C. Sharma        | 1013/1200   |
| 31 | 81012    | B.Sc.(H) Bio-Chemistry 3rd Year             | Ojaswini Vithala | Raghava Raovithala  | 2950/3600   |
| 32 | 42061    | B.Sc.(H) Chemistry 1st Year                 | Pragya Sharma    | Garib Dass          | CGPA - 8.68 |
| 33 | 42002    | B.Sc.(H) Chemistry 2nd Year                 | Harleen Kaur     | Davender Singh      | 1014/1150   |
| 34 | 42006    | B.Sc.(H) Chemistry 3rd Year                 | Jyoti Rathi      | Ram Mehar Rathi     | 3068/3550   |
| 35 | 65054    | B.Sc. Phy. Sci. with Comp. Science 1st Year | Anuj Malik       | Virender Malik      | CGPA - 8.55 |
| 36 | 65029    | B.Sc. Phy. Sci. with Comp.                  | Leena            | Dilbagh Bhardwaj    | 969/1100    |

|    |          | Science 2nd Year                     |                        |                        |             |
|----|----------|--------------------------------------|------------------------|------------------------|-------------|
| 37 | 65048    | B.Tech. Comp. Science 3rd Year       | Prabhat Kumar          | Manoj Kumar            | 943/1050    |
| 38 | 65058    | B.Tech. Comp. Science 3rd Year       | Akash Bhatt            | Rakesh Kumar Bhatt     | 943/1050    |
| 39 | 62014    | B.Sc. Life Science 1st Year          | Manisha Gupta          | Chhatarpal Gupta       | CGPA - 8.68 |
| 40 | 62005    | B.Sc. Life Science 2nd Year          | Sahil Dhigra           | Lalit Dhigra           | 1075/1200   |
| 41 | 15/21004 | B.A.(H) Economics 1st Year           | Rashika Sehgal         | Rajesh Sehgal          | CGPA - 8.77 |
| 42 | 14/21031 | B.A.(H) Economics 2nd Year           | Hariom                 | Arvind Kumar           | 809/1000    |
| 43 | 13/21004 | B.A.(H) Economics 3rd Year           | Tanvi Kataria          | Ashok Kataria          | 2069/2600   |
| 44 | 15/22008 | B.A.(H) Geography 1st Year           | Akshita Rai            | Arvind Kumar           | CGPA - 8.36 |
| 45 | 14/22001 | B.A.(H) Geography 2nd Year           | Drishiti               | Sushil Kumar           | 809/1000    |
| 46 | 13/22012 | B.A.(H) Geography 3rd Year           | Kunwar Raj Singh       | Shyam Bihari           | 2058/2600   |
| 47 | 15/24010 | B.A.(H) Political Science 1st Year   | Pratibha Poona         | Bhoop Singh            | CGPA - 8.18 |
| 48 | 14/24031 | B.A.(H) Political Science 2nd Year   | Km. Shrinkhala         | Parmatma Nand Thakur   | 578/800     |
| 49 | 13/24049 | B.A.(H) Political Science 3rd Year   | Ravi Ranjan Jha        | Akhilesh Kr. Jha       | 1825/2600   |
| 50 | 15/23004 | B.A.(H) History 1st Year             | Pratyasha Talukdar     | Nagendra Nath Talukdar | CGPA - 8.77 |
| 51 | 14/23015 | B.A.(H) History 2nd Year             | Akash Singh            | Amit Prakash Singh     | 526/800     |
| 52 | 13/23017 | B.A.(H) History 3rd Year             | Yogesh Gupta           | Sutish Gupta           | 1819/2600   |
| 53 | 15/13003 | B.A.(H) Hindi 1st Year               | Akash Sonik            | Shishpal Singh         | CGPA - 8.32 |
| 54 | 14/13047 | B.A.(H) Hindi 2nd Year               | Kuldeep Shrivastav     | Sanjay Shrivastav      | 545/700     |
| 55 | 13/13006 | B.A.(H) Hindi 3rd Year               | Gaurav Yadav           | Gulab Chand Yadav      | 2074/2600   |
| 56 | 15/2037  | B.A.(H) Business Economics 1st Year  | Shubham Bindal         | Subhash Bindal         | CGPA - 8.36 |
| 57 | 14/2090  | B.A.(H) Business Economics 2nd Year  | Tripti Grover          | Anil Grover            | 678/800     |
| 58 | 15/01954 | M.A. Hindi Previous Year             | Tripuresh Gond         | Rampyare               | 529/800     |
| 59 | 14/01959 | M.A. Hindi Final Year                | Gyanendra Pratap Singh | Raj Pal Singh          | 1024/1600   |
| 60 | 15/01851 | M.A. Political Science Previous Year | Prashant Kumar         | Maheshwar Pd Singh     | 464/800     |



|    |          |                                   |               |                    |           |
|----|----------|-----------------------------------|---------------|--------------------|-----------|
| 61 | 14/01851 | M.A. Political Science Final Year | Rahul         | Ram Kumar          | 916/1600  |
| 62 | 15/01012 | M.A. Sanskrit Previous Year       | Satyam        | Madhu Sudan Sharma | 614/800   |
| 63 | 14/01005 | M.A. Sanskrit Final Year          | Sagar Pokhrel | Rudranath Pokhrel  | 1273/1600 |

### List of Students receiving the following prestigious scholarships

#### (Result of University Examination -May-June, 2016)

| S.No | Scholarship Name  | Term and Condition  | Student Name                                  | Course                   | College Roll No. | Result-2016                   |
|------|---|---|---|--------------------------|------------------|-------------------------------|
| 1.   | Dr. Usha Aggarwal Trust   | B.Com Prog. IInd & IIIrd year who secures the highest % of marks, being above 70% in B.Com (Prog.) Ist & IInd yr. Result              | <b>Manav Kapoor S/o Baldev Krishan Kapoor</b> | B.Com (Prog.) IInd year  | <b>15/91126</b>  | Ist                           |
|      |   |   | <b>Sakshi Chhabra D/o Navinder</b>            | B.Com (Prog.) IIIrd year | <b>14/91015</b>  | Ist                           |
| 2.   | Ms. Sonali Garg   | Best student of B.A. (Prog.) Ist yr.  | <b>Lavanya</b>                                | B.A. (Prog.) IIIrd year  | <b>14/11188</b>  | Ist                           |
| 3.   | Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal) | B.Com (H) III yr. who secured the second highest % of marks, being above 70% in the College in B.Com (H) II year.                     | <b>Rahul S/o Bhim Singh</b>                   | B.Com (H) IIIrd yr.      | <b>14/92083</b>  | IInd                          |
| 4.   | Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal) | B.Com (H) Ist Sem Univ. Exam. who secured the first highest % of marks, in all the papers in the College in Scholarship of Rs. 2500/- | <b>Aastha Gupta D/o Sanjay Gupta</b>          | B.Com (H) IInd yr.       | <b>15/92004</b>  | Ist (Result Nov. Dec. - 2015) |
| 5.   | Shri Sultan Chand Dropadi Devi Memorial Scholarship Scheme              | B.Com (H) student under New Revised Syllabus. One Scholarship of Rs. 3500/- for result of   | <b>Nikita Sharma D/o Mukesh Sharma</b>        | B.Com (H) IInd yr.       | <b>15/92016</b>  | Result (May-June 2016) Ist    |

|    |  |   |  |                        |                 |      |
|----|--|---|--|------------------------|-----------------|------|
|    |  | 2nd Semester to   |  |                        |                 |      |
| 6. | Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)                | B.Com (H) student, IVth Sem. under New Revised Syllabus. One Scholarship for Rs. 3600/- for result  | <b>Ekta Singh<br/>D/o Ravinder<br/>Pal Singh</b>   | B.Com (H)<br>IIIrd yr. | <b>14/92011</b> | Ist  |
| 7. | Mrs. Swarn Kanta Nayyar W/o Late Dr. S.K. Nayyar                                       | Two prizes in Zoology Deptt. for the B.Sc. (H) Zoology for the 2 top students in the penultimate year of their degree course, ratio of 2/3 <sup>rd</sup> and 1/3 <sup>rd</sup> respectively). | <b>Debolina<br/>Kabasi<br/>D/o Debarata</b>        | B.Sc. (H)<br>Zoology   | <b>13/44007</b> | Ist  |
|    |  |   | <b>Anjali Chhatri<br/>D/o Anil Kr.<br/>Chhatri</b> | B.Sc. (H)<br>Zoology   | <b>13/44024</b> | IInd |
| 8. | Ms. Kusum Vasal (Wife of Retired, Assoc. Prof.. Dr. Sudhir Vasal., Zoology Department) | Awarding gold medal every year to the topper student of B.Sc. (H) Physics IIIrd year.   | <b>Nikita Sharma<br/>D/o Yogesh Kr.<br/>Sharma</b> | B.Sc. (H)<br>Physics   | <b>13/41029</b> | Ist  |

### Projects Undertaken By Faculty Members

| S. No. | Project Title  | Funded by           | Project Investigators  |
|--------|--|---------------------|--|
| 1.     | <i>Real Time Android Application for Travel Convenience</i>  | University of Delhi | Ms. Preeti Sharma,<br>Ms. Anshu Chopra,<br>Ms. Abha Vasal,<br>Ms Mamta Datta |
| 2.     | <i>Make Your Life Easy: Using Smart Switch</i>   | University of Delhi | Mr. Rakesh Yadav,<br>Mr. Ajay Kumar  |
| 3.     | <i>Assessing Microbial Diversity of Yamuna Water: A step towards Environmental Restoration</i>   | University of Delhi | Dr. Sunita Singh,<br>Dr. Satvinder Singh,<br>Dr. Smriti Babbar               |
| 4.     | <i>Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi</i> | University of Delhi | Dr. Shashi Nijhawan,<br>Dr. Kiran Bamel,<br>Dr. Aeshna Nigam                 |
| 5.     | <i>L-Asparaginase, an anti tumor agent: Production, Characterization and Molecular Approach</i>  | University of Delhi | Dr. Rashmi Wardhan,<br>Dr. Prabhavati  |
| 6.     | <i>Lifestyle Disorders: Etiology, Awareness &amp; Management</i>   | University of Delhi | Dr. Darshan Malik,<br>Dr. Jayita Thakur,                                     |

|     |  |                     |   |
|-----|--|---------------------|---|
|     |  |                     | Dr. Ankita Dua,<br>Dr. Jeetendra Aggarwal                 |
| 7.  | <i>Industrial Waste Utilization for Microbial Fuel Production</i>                                      | University of Delhi | Dr. Anita Kapur,<br>Dr. Renu Baweja,<br>Dr. Divya Mohanty |
| 8.  | <i>Inventory and prospect of Water conservation in western Rajasthan.</i>                              | University of Delhi | Dr. Tejbir Rana   |
| 9.  | <i>Rain Water harvesting techniques for Development of Nagaur District.</i>                            | University of Delhi | Dr. Tejbir Rana   |
| 10. | <i>Design and Analysis of sensitive characteristics on successive occasions and their applications</i> | SERB, New Delhi     | Dr. Kumari Priyanka                                       |
| 11. | <i>Search of Good Rotation Patterns on Successive Occasions and its Applications</i>                   | UGC                 | Dr. Kumari Priyanka                                       |
| 12. | <i>Studies on Mercury contamination of surface and ground waters in and around Delhi</i>               | UGC                 | Dr. Vijay Kumar   |

### Non -Teaching Faculty Achievements

The year 2016-17 was marked with many events and success stories, which are majorly attributed to the dedication and team spirit of the non-teaching staff.

- A five day's workshop on **Enhancement of General Administrative Skills in Higher Educational Institutes** was organized exclusively for Non-Teaching Staff of University of Delhi and the affiliated Colleges from June 06<sup>th</sup> to 10<sup>th</sup> of June 2016. It was one of the very first workshop organized on the mentioned topic at the College level in the University.

### The Non-Teaching Faculty Members have the Following Achievements to their Credit.

| S No | Name of the Employee     | Designation                          | Name of the Program   | Organizer  | Duration   |            |
|------|--------------------------|--------------------------------------|---|--|------------|------------|
|      |                          |                                      |   |  | From       | To         |
| 1.   | <b>Mr. Parveen Kumar</b> | Administrative Officer (Officiating) | One day training program for implementation of e-procurement in all Colleges of University of Delhi | Delhi University Computer Center (DUCC), University of Delhi | 09.07.2016 | 09.07.2016 |
|      |                          |                                      | Four week training program for the Assistant Registrars/Administrative Officers of                  | University of Delhi  | 10.01.2017 | 07.02.2017 |

|    |                               |                                      |   |   |            |            |
|----|-------------------------------|--------------------------------------|---|---|------------|------------|
|    |                               |                                      | University of Delhi and Its Colleges  |   |            |            |
| 2. | <b>Mr. Hemant Lamba</b>       | Administrative Officer (Officiating) | Four week training program for the Assistant Registrars/Administrative Officers of University of Delhi and Its Colleges | University of Delhi                             | 10.01.2017 | 07.02.2017 |
| 3. | <b>Mr. Pankaj</b>             | Junior Assistant (Office)            | Three day Training Program for Non-teaching staff   | IQAC of Shyam Lal College (University of Delhi) | 21.10.2016 | 24.10.2016 |
| 4. | <b>Mr. Tarun</b>              | Assistant (Office)                   | One day training program on implementation of e-procurement in all Colleges of University of Delhi                      | Delhi University Computer Center (DUCC)         | 16.12.2016 | 16.12.2016 |
| 5. | <b>Mr. Attar Singh Yadav</b>  | Senior Assistant (Office)            | Three day Training Program on Educational Administration  | Sri Venkateswara College (University of Delhi)  | 19.12.2016 | 21.12.2016 |
| 6. | <b>Mr. Santosh Kumar Shaw</b> | Assistant (Office)                   | Three day Training Program on Educational Administration  | Sri Venkateswara College (University of Delhi)  | 19.12.2016 | 21.12.2016 |
| 7. | <b>Mr. Rajesh Kumar</b>       | Assistant (Office)                   | Three day Training Program on Educational Administration  | Sri Venkateswara College (University of Delhi)  | 19.12.2016 | 21.12.2016 |
| 8. | <b>Ms. Neha Bhatnagar</b>     | Junior Assistant (Office)            | Three day Training Program on Educational Administration  | Sri Venkateswara College (University of Delhi)  | 19.12.2016 | 21.12.2016 |
| 9. | <b>Mr. Ashish Dhingia</b>     | Assistant (Office)                   | Three day Training Program on Skill Enhancement in Personnel Administration   | Ramanujan College (University of Delhi)         | 01.02.2017 | 03.02.2017 |

|     |                            |  |   |  |            |            |
|-----|----------------------------|--|---|--|------------|------------|
| 10. | <b>Ms. Sushma</b>          | Junior Assistant (Office)                    | Three day Training Program on Skill Enhancement in Personnel Administration | Ramanujan College (University of Delhi)                              | 01.02.2017 | 03.02.2017 |
| 11. | <b>Mr. Pradeep Sharma</b>  | Assistant (Office)                           | One day Training Program on Accounts Functionaries                          | Acharya Narendra Dev College (University of Delhi)                   | 24.01.2017 | 24.01.2017 |
| 12. | <b>Mr. Ashish Dhingia</b>  | Assistant (Office)                           | One day Training Program on Accounts Functionaries                          | Acharya Narendra Dev College (University of Delhi)                   | 24.01.2017 | 24.01.2017 |
| 13. | <b>Mr. Tarun</b>           | Assistant (Office)                           | One day Training Program on Accounts Functionaries                          | Acharya Narendra Dev College (University of Delhi)                   | 24.01.2017 | 24.01.2017 |
| 14. | <b>Mr. Raj Pal</b>         | Laboratory Assistant (Department of Botany)  | Three week training program for Laboratory Staff                            | University Science Instrumentation Center (USIC) University of Delhi | 06.02.2017 | 27.02.2017 |
| 15. | <b>Mr. Rajbir Singh</b>    | Laboratory Assistant (Department of Zoology) | Three week training program for Laboratory Staff                            | University Science Instrumentation Center (USIC) University of Delhi | 06.02.2017 | 27.02.2017 |
| 16. | <b>Mr. Praveen Singh</b>   | MTS Laboratory (Department of Botany)        | Three week training program for Laboratory Staff                            | University Science Instrumentation Center (USIC) University of Delhi | 06.02.2017 | 27.02.2017 |
| 17. | <b>Mr. Vinod Prajapati</b> | MTS Laboratory (Department of Zoology)       | Three week training program for Laboratory Staff                            | University Science Instrumentation Center (USIC)                     | 06.02.2017 | 27.02.2017 |

|  |  |  |  |                     |  |  |
|--|--|--|--|---------------------|--|--|
|  |  |  |  | University of Delhi |  |  |
|--|--|--|--|---------------------|--|--|

### Eminent Dignitaries who visited the College in year 2016-2017.

| S. No. | Name                       | Designation  | Affiliation                                     | Department                 |
|--------|----------------------------|--|---|----------------------------|
| 1.     | Prof. Deepak Pental        | Former Vice Chancellor   | University of Delhi                             | INSPIRE Science Camp       |
| 2.     | Prof. Dinesh Singh         | Former Vice Chancellor   | University of Delhi                             | INSPIRE Science Camp       |
| 3.     | Prof Gurmeet Singh         | Head, Department of Chemistry  | University of Delhi                             | INSPIRE Science Camp       |
| 4.     | Prof. Ashok Kumar Prasad   | Professor, Department of Chemistry                                       | University of Delhi                             | INSPIRE Science Camp       |
| 5.     | Prof. Karmeshu             | Professor, School of Computer and System Sciences                        | Jawaharlal Nehru University                     | INSPIRE Science Camp       |
| 6.     | Prof Mohan D Sharma        | Professor, Applied Mathematics   | Kurukshetra University                          | INSPIRE Science Camp       |
| 7.     | Prof. A.P. Singh           | Professor, Department of Mathematics                                     | Central University of Rajasthan                 | INSPIRE Science Camp       |
| 8.     | Dr. Asha Srivastava        | Professor, SSO-I & HOD, Forensic Psychology Division                     | Central Forensic Science Laboratories (CFSL)    | INSPIRE Science Camp       |
| 9.     | Dr. Nimesh Kapoor          | Head, Science Films Festival   | VIGYAN PRASAR                                   | INSPIRE Science Camp       |
| 10.    | Dr. Chander Bhushan Devgan | Director   | SPACE INDIA                                     | INSPIRE Science Camp       |
| 11.    | Ms. Kamla Bhasin           | South Asia Coordinator, One Billion Rising                               | Non Government Organization                     | Shivaji College Festival   |
| 12.    | Sh. Mahavir Singh Phogat   | Famous wrestler cum coach  | Indian Wrestling                                | Shivaji College Festival   |
| 13.    | Prof. Sameer Bakshi        | Professor, Department of Medical Oncology                                | All India Institute of Medical Sciences (AIIMS) | Department of Biochemistry |
| 14.    | Prof. Maharaj K Pandit     | Dean of Faculty of Science & Head of Department of Environmental Studies | University of Delhi                             | Department of Botany       |
| 15.    | Dr. B.C. Sabata            | Senior Scientist & Co-ordinator, Department of Environment               | Government of Delhi                             | Department of Botany       |

|     |                                      |   |  |                            |
|-----|--------------------------------------|---|--|----------------------------|
| 16. | Dr. Chirashree Ghosh                 | Associate Professor,<br>Department of<br>Environmental Studies      | University of Delhi                          | Department of Botany       |
| 17. | Prof. Shrikant Kukreti               | Professor, Department of<br>Chemistry                               | University of Delhi                          | Department of<br>Chemistry |
| 18. | Prof. R. K. Sharma                   | Professor, Department of<br>Chemistry                               | University of Delhi                          | Department of<br>Chemistry |
| 19. | Dr. G. S. Sodhi                      | Associate Professor,<br>Department of Chemistry                     | SGTB Khalsa<br>College                       | Department of<br>Chemistry |
| 20. | Prof. Muneesh Kumar                  | Dean, Faculty of<br>Commerce and Business                           | University of Delhi                          | Department of<br>Commerce  |
| 21. | Prof. Kavita Sharma                  | Head, Department of<br>Commerce                                     | University of Delhi                          | Department of<br>Commerce  |
| 22. | Prof. CP Gupta                       | Professor, Department of<br>Financial Studies, South<br>Campus      | University of Delhi                          | Department of<br>Commerce  |
| 23. | Prof. Surender Kumar                 | Professor, Department of<br>Economics, Delhi School<br>of Economics | University of Delhi                          | Department of<br>Commerce  |
| 24. | Prof. Pankaj Sinha                   | Professor, Faculty of<br>Management Studies                         | University of Delhi                          | Department of<br>Commerce  |
| 25. | Prof. Suresh Aggarwal                | Head, Department of<br>Business Economics                           | University of Delhi                          | Department of<br>Commerce  |
| 26. | Mr. Dinesh Mittal                    | General Manager,<br>Taxation. Walmart India                         | Visiting Faculty ICAI                        | Department of<br>Commerce  |
| 27. | Ms. Tiameraena<br>Monalisa Changkija | Poet, Journalist, and<br>Editor of “Nagaland<br>Page”               | NA   | Department of English      |
| 28. | Prof. Desmond<br>Kharmawphlang       | Professor, Department of<br>Folkloristics                           | North East Hill<br>University                | Department of English      |
| 29. | Dr. Vijayalakshmi<br>Brara           | Associate Professor of<br>Sociology, Centre for<br>Manipur Studies  | Manipur University                           | Department of English      |
| 30. | Prof. Sanjoy Hazarika                | Director, Commonwealth<br>Human Rights Initiative<br>(CHRI)         | Jamia Milia Islamia<br>University            | Department of English      |
| 31. | Dr. Rose Nembiakkim                  | Director, School of<br>Social Work                                  | Indira Gandhi<br>National Open<br>University | Department of English      |
| 32. | Prof. C. S. Dubey                    | Director, School of Open<br>Learning                                | University of Delhi                          | Department of<br>Geography |

|     |                        |   |   |                         |
|-----|------------------------|---|---|-------------------------|
| 33. | Dr. Anil K Gupta       | Associate Professor                               | National Institute of Disaster Management   | Department of Geography |
| 34. | Prof. Dinesh Singh     | Former Vice Chancellor                            | University of Delhi                         | Department of Maths     |
| 35. | Prof. Patrick Dasgupta | Professor, Department of Physics and Astrophysics | University of Delhi                         | Department of Physics   |
| 36. | Prof. Sanjay Jhigan    | Professor, Center for Theoretical Physics         | Jamia Milia Islamia                         | Department of Physics   |
| 37. | Prof. Sanjay Jhingan,  | Professor, Center for Theoretical Physics         | Jamia Millia Islamia                        | Department of Physics   |
| 38. | Dr. J. R. Gaur         | Former Director                                   | State Forensic Laboratory, Himachal Pardesh | Department of Sanskrit  |



## FACULTY ACHIEVEMENTS

### DEPARTMENT OF BIOCHEMISTRY

#### Dr. Shashi Nijhawan (Principal)

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Comparative Analysis of Heavy Metal Toxicity and Pesticide Contamination in vegetables collected from local sites and organic stores in Delhi*
- **Organizing Secretary and Resource person** in “Workshop for the Laboratory Staff of Chemical and Life Sciences” organised from 31<sup>st</sup> May to 3<sup>rd</sup> June, 2016
- **Organizing Secretary and Resource person** in “Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College funded by the Department of Science and Technology from 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Executive editor** for the book titled Udayan: A New Beginning (2017), published by Women Development Cell, Shivaji College ISBN 978-81-86845-22-4

She also participated in the following programs:

- **Attended three day workshop** “Asian Ministerial Conference on Disaster Risk Reduction- 2016 (AMCDRR)” organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India from 3<sup>rd</sup> -5<sup>th</sup> November, 2016
- **Attended three day workshop** on New Media, New Technology and Innovations for Improving Quality of Higher Education. Organised by SEED, Centre of Higher Education Studies and Training (CHEST) in association with LMP Education Trust, from 21<sup>st</sup>-23<sup>rd</sup> December, 2016

She also presented the following papers/posters:

- **Presented paper** “Yoga as a therapy for Lifestyle disorders” at 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016.
- **Presented Poster** “Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi” during the Research Display at the Convocation Ceremony, University of Delhi on 19<sup>th</sup> November, 2016.

She co-published the following papers/chapters:

- **Published Paper** Malik, D., Thakur, J., Nijhawan, S. (2016). “Yoga as a therapy for

*lifestyle disorders*” as Conference proceedings of 2<sup>nd</sup> International Conference on Public Health, Organized by Krishi Sanskriti at Jawaharlal Nehru University, New Delhi, on 21<sup>st</sup> May, 2016

She received the following accolades:

- Received **Certificate of Appreciation** awarded to project ‘*Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi*’ for being selected for research display the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016
- Received **Certificate** for project with **Most Significant Societal Impact** during Research Display at the Convention Centre, University of Delhi on 19<sup>th</sup> November, 2016

### **Dr. Rashmi Wardhan**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *L-Asparaginase, an anti-tumour agent: Production, Characterization and Molecular Approach*
- **Member** of Selection Committee, Dayal Bagh Educational Institute
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She also presented the following papers/posters:

- **Presented Poster** “*Screening, isolation and confirmation of L-Asparaginase from microorganisms in sewage water*” in National Symposium on Trends in Research and Innovation in Life Sciences at undergraduate level at DDU College, University of Delhi, on 30th March, 2015
- **Presented Poster** “*L-asparaginase , an antitumor agent: production ,characterization and molecular approaches*” in research display at the convocation ceremony, 2016 ,Organized by university of Delhi on 19th November, 2016
- **Presented Poster** “*Isolation, identification, purification and optimization of different parameters of L-Asparaginase from microorganism Alcaligene faecalis*” in Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi, held on 25th -26th October, 2016
- **Presented paper** “*Milk borne pathogens: Isolation and Identification, Health risk to*

*population especially young ones*” at the 16th International Conference on Medical, Medicine and Health Science (MMHS-2016), organized at Osaka International convention centre, held in Singapore on 11-12<sup>th</sup> July, 2016

She co-published the following papers/chapters:

- **Published paper** Wardhan, R. (2016). Carcinogenic and Organo toxic compounds in milk. LIFE: International Journal of Health and Life-Sciences. Vol. 2 (2), pp. 55-70. Available Online at: <http://grdspublishing.org/journals-LIFE-home> DOI-<http://dx.doi.org/10.20319/ijhls.2016.22.5570>
- **Published paper** Wardhan, R., Prabhavath, V. et al (2016). Isolation and Identification of Microorganisms with high activity of L–Asparaginase: Anti-Cancer enzyme. DU Journal of Undergraduate Research and Innovation. Vol 2 (1) pp 171-179, ISSN-2395-2334
- **Published paper** Wardhan, R. and Nain, L. (2016). Milk borne pathogens: Isolation and Identification, Health risk to population especially young ones. Proceedings of the International Conference on “Medical, Medicine and Health Sciences (MMHS-2016)” ISBN-978-969-670-722-6
- **Edited book** titled “Light, Camera, Travel, a coffee table book” , 2016 ISBN-978-93-52672- 99-8

She received the following accolades:

- Received **Best Poster** certificate for project titled “*L-Asparaginase, an anti tumor agent: Production, Characterization and Molecular Approach*”, at the Research Display by the University of Delhi, at the Convention Centre, 19<sup>th</sup> November, 2016
- Received **Certificate of Appreciation** awarded to project ‘*L-Asparaginase, an anti tumor agent: Production, Characterization and Molecular Approach*’ for being selected for research display the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016
- **Best poster award** for “ Isolation ,identification ,purification and optimization of different parameters of L Asparaginase from microorganism *Alcaligene faecalis* in Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi ,held on 25th -26th oct. 2016

## Dr. Darshan Malik

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Lifestyle Disorders: Etiology, Awareness & Management*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Co-coordinator and Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016
- **Co-Supervisor** for Phd Thesis of Dr. Amreek Bhattacharya
- **Subject Expert** for inspection of Vardhaman Medical College, Army College of Medical Sciences and Hindu Rao Medical College for the academic session 2016-17
- **External Examiner** for thesis evaluation and PhD Viva in Bioinformatics Department, HAU, Hissar

She also participated in the following programs:

- **Attended three day workshop** “*Asian Ministerial Conference on Disaster Risk Reduction- 2016 (AMCDRR)*” organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India from 3<sup>rd</sup> -5<sup>th</sup> November, 2016

She has presented the following papers/posters:

- **Presented paper** on “*Yoga as a therapy for Lifestyle disorders*” at 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016
- **Presented Poster** on “*Lifestyle disorders: Etiology, Awareness & Management*” in research display at the convocation ceremony, 2016 ,Organized by university of Delhi on 19th November, 2016
- **Presented Poster** on “*Analysis and assessment of body fat percentage and Quetelet’s Index in Indian undergraduate students*” at the Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi , held on 25th -26th October, 2016

She has also published the following papers/chapters:

- **Published paper** Thakur, J. and Malik, D. (2016). Cardiovascular diseases and Yoga: Non Pharmacological Interventions International Journal of Biotechnology and Biomedical Sciences. Vol 2(2), pp134-138
- **Published Paper** Malik, D., Thakur, J. and Nijhawan, S. (2016). “Yoga as a therapy for lifestyle disorders” as Conference Proceedings of 2<sup>nd</sup> International Conference on Public Health, Organized by Krishi Sanskriti at Jawaharlal Nehru University, New Delhi, on 21<sup>st</sup> May, 2016
- **Published paper:** Malik, D., Thakur, J., Aggarwal, J., Dua, A., Nijhawan, S., Kumar, A., Kaur, K., Aggarwal, H., Mehta, D., Verma, R., Subhasis, Bhardwaj, S., Singh, A., Akshay, G.M. and Yadav, M. (2016). Assessment of correlation between Quetelet’s Index and Body fat percentage in a group of Indian Undergraduate students. The DU Journal of Undergraduate Research and Innovation, 2(1) pp56-69
- **Published paper:** Malik, D., Thakur, J., Dua, A. and Aggarwal, J. (2017) “Estimation of blood glucose, serum calcium and blood pressure as measures of risks of Lifestyle

disorders in young adults”, Conference proceedings of 4<sup>th</sup> International Conference on Science and Arts of Holistic Health: Issues, challenges, opportunities, prevention, awareness (Holistic Health: 2017) held at Jawaharlal Nehru University, New Delhi, on 25<sup>th</sup> February, 2017.

She has received the following accolades:

- Received **Meritorious Teacher Award** for the session 2015-16, by the Govt. of Delhi
- Received **Teacher’s Excellence Award** 2016 by Indian Education Network.
- Received **Certificate of Appreciation** for project titled “Lifestyle disorders: Etiology, Awareness & Management” for being selected for research display at the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016.
- Received certificate for project with ‘**Most Significant Societal Impact**’ Had a Research Display at the Convention Centre, , on 19<sup>th</sup> Nov 2016

### **Dr. Jayita Thakur**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Lifestyle Disorders: Etiology, Awareness & Management*
- **Convener and Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She has presented the following papers/posters:

- **Presented paper** on “*Yoga as a therapy for Lifestyle disorders*” at 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016
- **Presented Poster** on “*Lifestyle disorders: Etiology, Awareness & Management*” in research display at the convocation ceremony, 2016, Organized by University of Delhi on 19th November, 2016
- **Presented Poster** on “*Analysis and assessment of body fat percentage and Quetlet’s Index in Indian undergraduate students*” at the Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi , held on 25th -26th October, 2016

She has also published the following papers/chapters:

- **Published paper:** Thakur, J. and Malik, D. (2016) Cardiovascular diseases and Yoga:

Non-Pharmacological Interventions. International Journal of Biotechnology and Biomedical Sciences. Vol 2 (2), pp 134-138

- **Published Paper:** Malik, D., Thakur, J. and Nijhawan, S. (2016). “Yoga as a therapy for lifestyle disorders” as Conference proceedings of 2<sup>nd</sup> International Conference on Public Health, Organized by Krishi Sanskriti at Jawaharlal Nehru University, New Delhi, on 21<sup>st</sup> May, 2016
- **Published paper:** Malik, D., Thakur, J., Aggarwal, J., Dua, A., Nijhawan, S., Kumar, A., Kaur, K., Aggarwal, H., Mehta, D., Verma, R., Subhasis, Bhardwaj, S., Singh, A., Akshay, G.M. and Yadav, M. (2016). Assessment of correlation between Quetelet’s Index and Body fat percentage in a group of Indian Undergraduate students. The DU Journal of Undergraduate Research and Innovation, 2(1) pp56-69
- **Published paper:** Malik, D., Thakur, J., Dua, A. and Aggarwal, J. (2017) “Estimation of blood glucose, serum calcium and blood pressure as measures of risks of Lifestyle disorders in young adults”, Conference proceedings of 4<sup>th</sup> International Conference on Science and Arts of Holistic Health: Issues, challenges, opportunities, prevention, awareness (Holistic Health: 2017) held at Jawaharlal Nehru University, New Delhi, on 25<sup>th</sup> February, 2017.

She has received the following accolades:

- Received **Certificate of appreciation** for project titled “Lifestyle disorders: Etiology, Awareness & Management” for being selected for research display at the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016.
- Received certificate for project with ‘**Most Significant Societal Impact**’ at the Research Display at the Convention Centre, , on 19<sup>th</sup> November, 2016

## Dr. Renu Baweja

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Industrial Waste Utilization for Microbial Fuel Production*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She has participated in the following programmes:

- She has **attended** the UGC- Sponsored Orientation Programme organised by CPDHE from 25<sup>th</sup> November -24<sup>th</sup> December, 2016
- She has **attended** a two day workshop “Training the trainers: IPR Workshop” organised

by IPR chair and CIC-CSEC in collaboration with Ramjas College, University of Delhi, on 10-11<sup>th</sup> August, 2016

She has presented the following papers/posters:

- **Presented papers:** ‘Dairy effluent: A source for the production of Bio-energy’ at the 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016.
- **Presented Posters:** ‘Identification of microbes isolated from dairy industrial effluent’ at the 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016
- **Presented Posters:** “Bioelectricity production from food industry effluent” at the National Seminar on Water and Air Quality in Urban Ecosystem organised by Eco Club, Shivaji College on 22nd March, 2016
- **Presented Posters:** National Conference on Combating Industrial Pollution for Sustainable Environment organised by Gargi College on 22nd-23<sup>rd</sup> Sept 2016.

She has published the following papers/chapters:

- **Published Papers:** Baweja. R and Kapur, A. (2016). Dairy Effluent: A source for the production of Bio-energy. *Journal of Energy Research and Environmental Technology (JERET)*, Vol 3(2), April-June, pp 88-90.
- **Published Papers:** Baweja et al. (2016). Analysis of food industrial effluent for the production of microbial fuel cell. *Proceedings of the National Seminar on water and air quality in urban ecosystem.* pp 18-20

## Dr. Sunita Singh

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Assessing Microbial Diversity of Yamuna Water: A step towards Environmental Restoration*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Coordinator and Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She has participated in the following programmes:

- Participated and presented “REPORT of Inspire Science Camp 2015” in **Workshop** for Organizers of INSPIRE Internship Camps under the DST INSPIRE PROGRAM held at

Goa University, Goa from 12<sup>th</sup> -13<sup>th</sup> March, 2016

- Attended **Refresher Course in Contemporary Studies** (Natural Sciences, Education, Biological Science, Environmental, Demography & Sociology), CPDHE (UGC-HRDC), University of Delhi from 7<sup>th</sup> – 27<sup>th</sup> June, 2016
- **6th Orientation Course** from Academic Staff College (ASC), Human Resource Development Centre, Jawaharlal Nehru University (JNU), New Delhi from 25<sup>th</sup> July – 19<sup>th</sup> August, 2016

She has presented the following papers/posters:

- **Presented paper** “*Physicochemical Synergetics of liquid mixtures of Functional Molecules: Oscosurvismeter and survismeter*” in 2016 International Conference on Measurement and Test Methodologies, Technologies and Applications (MTMTA2016) at Phuket, Thailand from 24<sup>th</sup> – 25<sup>th</sup> April, 2016
- **Presented poster** on *Bioremediation: A step towards environmental restoration* at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016.
- **Presented Poster** on *Harnessing Electricity Using Microbial Fuel Cell* in National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club, Shivaji College, University of Delhi, New Delhi on 22<sup>nd</sup> March, 2016.
- **Presented Poster** on *Metal Toxicity: An Issue of Environmental Concern* in National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club of Shivaji College, University of Delhi, New Delhi on 22<sup>nd</sup> March, 2016.
- An **oral presentation** titled *Exploring Microbial Diversity of the Yamuna River: A Step Towards Bioremediation* presented at 4<sup>th</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness (HOLISTIC 2017) organized by Krishi Sanskriti on 25<sup>th</sup> February, 2017 at Convention Centre, Jawaharlal Nehru University, New Delhi.
- **Poster presentation** titled *Gene Therapy: A New Approach for Genome Editing* presented at International Conference on Recent Research in Biomedical Engineering, Cancer Biology, Stem Cells, Bioinformatics and Applied Biotechnology (BECBAB 2017) organized by Krishi Sanskriti on 25<sup>th</sup>, February, 2017 at Convention Centre, Jawaharlal Nehru University, New Delhi.

She has published the following papers/chapters:

- **Published paper** “*Assessing the Bioenergy using the Microbial Fuel Cell*” in 2<sup>nd</sup> International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness” (Public Health-2016) organized by Jawaharlal Nehru University, New Delhi on 21<sup>st</sup> May, 2016
- **Published paper** “*A Natural Drugstore Comparative Analysis of Biologically Active*



*Compounds Isolated from Azadirachta indica and their Therapeutic Importance*” in 2<sup>nd</sup> International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness” (Public Health-2016) to be held at Jawaharlal Nehru University, New Delhi, on 21<sup>st</sup> May, 2016

She has received the following accolades:

- Received **First prize** for poster presentation on *Bioremediation: A step towards environmental restoration* at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016
- Received **First prize** for poster presentation on *Metal toxicity: an issue of environmental concern* at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016

### **Dr. Satvinder Singh**

He served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Assessing Microbial Diversity of Yamuna Water: A step towards Environmental Restoration*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016

He has attended the following programmes:

- Attended 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016
- National Seminar on Water and Air Quality in Urban Ecosystem organised by Eco Club, Shivaji College on 22<sup>nd</sup> March, 2016

He has published the following papers/chapters:

- **Published paper:** “*Assessing the Bioenergy using the Microbial Fuel Cell*” in 2<sup>nd</sup> International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness” (Public Health-2016) organized by Jawaharlal Nehru University, New Delhi on 21<sup>st</sup> May, 2016.
- **Published paper:** Singh S., Sharma, R.K., Malhotra, S., Pothuraju, R., Shandilya, U.K. (2016). *Lactobacillus rhamnosus* NCDC 17 ameliorates type 2 diabetes by improving gut function, oxidative stress and inflammation in high fat diet fed and streptozotocin treated rats. *Beneficial Microbes*. <http://dx.doi.org/10.3920/BM2016.0090>

- **Published paper:** Pothuraju, R., Sharma, R.K., Rather, S.A., Singh S., (2016). Comparative evaluation of anti-obesity effect of Aloe vera and Gymnema sylvestre supplementation in high-fat diet fed C57BL/6J mice. *Journal of Intercultural Ethnopharmacology*. 5(4):403-407 doi:10.5455/jice.20160623122710

He has received the following accolades:

- Received **First prize** for poster presentation “*Bioremediation: A step towards environmental restoration*” at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016
- Received **First prize** for poster presentation “*Metal toxicity: an issue of environmental concern*” at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016

## DEPARTMENT OF BOTANY

### Dr. Anuradha Mal

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A dried blood spot collection study for detection of Brucellosis in Bovine population of Indian villages: an ELISA based system specific to Omp 25 and Omp 28 proteins of Brucella abortus*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Convener** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has attended the following programmes:

- **Attended workshop** on “*Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)*”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi, June 23<sup>rd</sup>, 2016 at Department of Environmental Studies, North Campus, University Of Delhi.
- **Attended workshop** on “*Biofertilizers*” organized by Zakir Husain Delhi College, Department of Botany, University of Delhi on July 14<sup>th</sup> – 16<sup>th</sup>, 2016.

### Dr. Anita Kapur

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Industrial Waste Utilization for Microbial Fuel Production*
- **Co-Convener** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has attended the following programmes:

- **Attended Workshop** on “*Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)*”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on June 23<sup>rd</sup>, 2016 at Department of Environmental Studies, North Campus, University Of Delhi.

She has presented the following papers/posters:

- **Presented paper** “Dairy effluent: A source for the production of Bio-energy” in 2<sup>nd</sup> International Conference on “Public Health: Issues, Challenges, Opportunities, Prevention, Awareness” organized by Krishi Sanskriti on 21<sup>st</sup> May, 2016.
- **Presented poster** in National Conference on “Combating Industrial Pollution for Sustainable Environment” organised by Gargi College on 22<sup>nd</sup>-23<sup>rd</sup> September, 2016.

She has published the following papers/chapters:

- **Published Paper** Baweja. R and Kapur, A. (2016). Dairy Effluent: A source for the production of Bio-energy. *Journal of Energy Research and Environmental Technology (JERET)*, Volume 3, Issue 2, April-June, pp 88-90. ISSN: 2394-1561
- **Published Paper** Baweja et al. (2016). Analysis of food industrial effluent for the production of microbial fuel cell. *Proceedings of the National Seminar on water and air quality in urban ecosystem*. Pp 18-20. e-ISSN: 2394-157X, ISBN: 978-93-5267

## **Dr. Vijay Kumar**

He has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Amelioration of air quality in urban ecosystem of Delhi: role of avenue trees and use of birds as bio monitors*
- **Project Investigator** of UGC Sanctioned Project (ongoing): *Studies on Mercury Contamination of Surface and Ground Waters in and around Delhi and its Bioremediation*
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the

Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He has attended the following programmes:

- **Attended Workshop** on “*Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)*”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on 23<sup>rd</sup> June, 2016 at Department of Environmental Studies, North Campus, University Of Delhi.
- **Attended National Workshop** on *Ethnobotany* organized by Department of Botany, Hansraj College and Institute of Life Long Learning, University of Delhi on 16<sup>th</sup> – 17<sup>th</sup>, September, 2016.

He has presented the following papers/posters:

- **Presented poster** entitled “*Can we use birds as an ecological indicator of sustainable cities?*” in the National Seminar on “*Water and Air Quality in Urban Ecosystem*” organized by Eco Club, Shivaji College on 22<sup>nd</sup> March, 2016
- **Presented paper** on “*Agroforestry: A Step Towards Sustainable Rural Development*” in National Conference on “*Accelerating Rural Growth: New Technology, Innovation and Entrepreneurship*” organized by Shri Aatm Vallabh Jain Girls (PG) College, Sri Ganganagar held on September 2<sup>nd</sup> – 3<sup>rd</sup>, 2016
- **Presented paper** entitled “*Green Highways: Problems and Prospects*” in National Convention on Innovations in “*Green Highways organized by National Green Highways Mission*” held from 7<sup>th</sup> – 9<sup>th</sup> November, 2016

He has edited/published the following papers/chapters:

- **Edited** Abstract Book of National Seminar on “*Water and Air Quality in Urban Ecosystem*” organized by Eco Club, Shivaji College on 22<sup>nd</sup> March, 2016 ISBN-978-93-5267-174-8
- **Edited** Proceedings of National Seminar on “*Water and Air Quality in Urban Ecosystem*” organized by Eco Club, Shivaji College on 22<sup>nd</sup> March, 2016 ISBN-978-93-5267-493-0

### **Dr. Pratima Rani Sardar**

She has served as:

- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Co-Convener** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

- **Organized Workshop** on “*Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)*”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on June 23<sup>rd</sup>, 2016 at Department of Environmental Studies, North Campus, University Of Delhi.

She has attended the following programmes:

- **Attended workshop** on “*Not in my Backyard: Solid Waste Management in Indian Cities*”, 12<sup>th</sup> July 2016, organized by Centre for Science and Environment, Indian Habitat Centre, New Delhi
- **Attended Workshop** on “*Training the Trainers IPR Workshop*”, organized by Ramjas College and Institute of Life Long Learning, University of Delhi from 10<sup>th</sup> – 11<sup>th</sup> August, 2016.
- **Attended National Conference** on “*Combating Industrial Pollution for Sustainable Environment*” organized by Department of Chemistry, Gargi College from 22<sup>nd</sup> – 23<sup>rd</sup> September, 2016.
- **Organized** a visit for students of Life Science 3<sup>rd</sup> Semester to attend a One Day Programme on “*Organic Farming*” on 3<sup>rd</sup> October, 2016 at Department of Microbiology and Department of Blue Green Algae, IARI, New Delhi
- **Attended Seminar** on “*Galapagos Islands on Darwin Theory of Evolution*” on 6<sup>th</sup> October, 2016 at National Institute of Immunology, New Delhi.
- **Attended National Workshop** on “*Medicinal Botany and Drug Discovery*” held at Ramjas College, University of Delhi from 30<sup>th</sup> – 31<sup>st</sup> January, 2017
- **Attended** “*Faculty Development Program in Research Project Management, Proposal to Publication and Beyond*”, organized by CIC-Centre for Science Education and Communication, University of Delhi

### **Dr. Prabhavathi**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *L-Asparaginase, an antitumor agent: production, characterization & molecular approaches*
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has attended the following programmes:

- **Attended Workshop** on “*Environmental Pollution and Health in Urban Ecosystems*” organized by Department of Botany and Zoology in collaboration with Environmental studies, University of Delhi (EPHUE-2016) on 23<sup>rd</sup> June 2016

- **Attended Workshop** on “*Biofertilizers*” organized by Department of Botany, Zakir Husain Delhi College, University of Delhi from 14<sup>th</sup> – 16<sup>th</sup> July 2016
- **Attended National Workshop** on “*Medicinal Botany and Drug Discovery*” organized by Ramjas College, University of Delhi from 30<sup>th</sup> – 31<sup>st</sup> January 2017

She has presented the following papers/posters:

- **Presented Poster** on “*Isolation, Identification, Purification and Optimization of Different Parameters of L –Asparaginase from Microorganisms Alcaligenesfaecalis*” in Innovation Conclave 2016, organized by Acharya Narendra Dev College, University of Delhi from 25<sup>th</sup> – 26<sup>th</sup> October 2016
- **Oral presentation** on “*L- Asparaginase an antitumor agent: identification from different microorganisms*” in 4<sup>th</sup> International Conference on Science and Arts of Holistic Health: Issues, Challenges, Opportunities, Prevention, Awareness (Holistic Health: 2017) organized by “Krishi Sanskriti Publications & Dr. G.C. Mishra Educational Foundation” on 25<sup>th</sup> February 2017 at Convention Centre, JNU, New Delhi
- **Presented Poster** on “*Screening, Isolation and Conformation of L –Asparaginase from Microorganisms in Sewage Water*” in National Symposium on Trends in Research and Innovation in Life Sciences at Undergraduate level, organized by Deen Dayal Upadhyay College, University of Delhi on 30<sup>th</sup> March, 2016
- **Presented Paper** on “*Polyamine: Role in Fungal Resistance*” in 2<sup>nd</sup> International conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness, Jawaharlal Nehru University, New Delhi ISBN-978-93-85822-17-9.

She has published the following papers/chapters:

- **Published paper** Wardhan, R., Prabhavath, V. et al (2016). Isolation and Identification of Microorganisms with high activity of L–Asparaginase: Anti-Cancer enzyme. DU Journal of Undergraduate Research and Innovation. Vol 2 (1) pp 171-179, ISSN-2395-2334
- **Published Paper** “Milestones in standardization of *Agrobacterium*-mediated transformation and development of *Citrus sinensis* transgenics” in 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, awareness, Jawaharlal Nehru University, New Delhi. ISSN-2350-0263, Vol-3 (2), January-March 2016, pp 155-159
- **Published Book Chapter:** *Phosphate signaling in plants: biochemical and molecular approach* (2017) In: Sarwat M, Ahmad A, Abdin M. Z., Ibrahim M.M.(eds.). Stress Signalling in Plants: Genomics and Proteomics Perspective, Volume 2, pp. 83-110, Springer International Publishing, Switzerland. ISBN: 978-3-319-42182-7 (Print) 978-3-319-42183-4 (Online)

She has received the following accolades:

- **Awarded best poster** on “*L-Asparaginase, an anti-tumor agent: Production,*

*Characterization and Molecular Approaches*” in Research Display in the Convocation Ceremony on 19<sup>th</sup> November 2016, University of Delhi.

- **Best poster award** for “ Isolation ,identification ,purification and optimization of different parameters of L Asparaginase from microorganism *Alcaligene faecalis* in Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi ,held on 25<sup>th</sup> -26<sup>th</sup> oct. 2016

### **Dr. Smita Tripathi**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption*

She has attended the following programmes:

- **Attended Workshop** on “*Biofertilizers*” organised by Zakir Hussain Delhi College, University of Delhi from 14-16<sup>th</sup>, July 2016
- **Attended Workshop** on “*Ethnobotany*” organised by ILLL and Hansraj College, University of Delhi from 16<sup>th</sup> -17<sup>th</sup> September, 2016

She has presented the following papers/posters:

- **Presented poster** “*Role of Green Buildings in Climate Change Mitigation*” at National Conference on Climate Change: Challenges to Plant Biologists, organised by Udai Pratap College, Varanasi on 27<sup>th</sup> March 2016
- **Presented paper** titled “*Pro-environment Green Technologies- A Step Towards Harmonious Development*” at Vistas of Scientific Approach for Welfare of Society, organised by KNGP College, Bhadohi from 30<sup>th</sup> -31<sup>st</sup> March, 2016.
- **Presented two papers** titled “*Environment friendly & socially responsible marketing strategies in food products sector*” and “*Back to life*” at International Seminar on Indian Mind & Societal Concerns: An Interdisciplinary Dialogue, organized by Ramanujan College from 2<sup>nd</sup> -3<sup>rd</sup> April, 2016.
- **Presented poster** “*Recycling of waste edible oil- promising approach for greener environment*” at National Conference on Environment & Harmonious Development organised by ShyamLal College from 7<sup>th</sup>-8<sup>th</sup> April, 2016.
- **Presented poster** “*Effect of Climate Change on Prevalence of Plant Pathogenic Fungi-A Major Human Health & Food Security Issue*”, at International Conference & Outreach Programme on Environment & Ecology: Sustainability & Challenges, organised by Sri Venkateshwara College from January 4-6<sup>th</sup>, 2017.
- **Presented poster** “*Medicinal Plants Cultivation-Arbuscular Mycorrhizal Fungi-*

*Strigolactones: Can there be a link?*” at National Seminar on a Paradigm Shift Towards Empowerment of Women: A Scientific View, organised by Kalindi College from 3-4<sup>th</sup> Feb, 2017.

### **Dr. Kiran Bamel**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Comparative Analysis of Heavy Metal Toxicity and Pesticide Contamination in vegetables collected from local sites and organic stores in Delhi*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Organised Workshop** ‘Kisan Jagrukta Karyashala’ in Najafgarh area on 28<sup>th</sup> September, 2016 to create awareness among farmers and educate them about use of pesticides.
- **Resource person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She has attended the following programmes:

- **Attended Workshop** on “*Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)*”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on June 23<sup>rd</sup>, 2016 at Department of Environmental Studies, North Campus, University Of Delhi.
- **Attended Workshop** on “*Biofertilizers*” organized by Zakir Husain Delhi College, Department of Botany, Delhi University from July 14<sup>th</sup> – 16<sup>th</sup>, 2016.
- **Attended National Conference** on ‘*Pharmacognosy: Scope of phytochemically unexplored medicinal plants*’ on 12<sup>th</sup> January, 2017, held in Zakir Hussain College, Delhi University.
- **Attended Workshop** on Medicinal Botany and Drug Discovery held from 29<sup>th</sup> -30<sup>th</sup> January, 2017 in Ramjas College, Delhi University.

She has presented the following papers/posters/lectures:

- **Presented Paper** “*Effect of heavy metals on Reproductive health of Women: Health Alarm!*” in International Conference on ‘Science and arts of Holistic Health’ in Jawaharlal Nehru University on 25<sup>th</sup> February, 2017.
- **Invited lecture** on ‘*Indoor pollution and its effects*’ under the Women Development Cell,



Govt. College for Women, Hisar on 21<sup>st</sup> January, 2017.

- **Presented** ‘*Ashwagandha- an ancient source of ayurvedic novel medicines*’ in National conference on 'Pharmacognosy: Scope of phytochemically unexplored medicinal plants on 12<sup>th</sup> January, 2017, held in Zakir Hussain College, Delhi University.
- **Presented two posters** in innovation conclave held on 25<sup>th</sup> -26<sup>th</sup> October 2016 at ANDC College, University of Delhi.
  - “*Vegetables grown in Delhi and NCR regions are intoxicated with pesticides*”
  - “*Heavy metal toxicity in the vegetables grown in Delhi and NCR regions*”

She has published the following papers/chapters:

- **Published paper** Bamel, K., Gupta, R. and Gupta S.C. (2016). Acetylcholine suppresses shoot formation and callusing in leaf explants of *in vitro* raised seedlings of tomato *L. esculentum* Milles var. Pusa Ruby. Plant signalling and behaviour, June 2016, 11 (6): e1187355
- **Published book chapter:** Phosphate signaling in plants: biochemical and molecular approach (2017) In: *Sarwat M, Ahmad A, Abdin M. Z., Ibrahim M.M.* (eds.). Stress Signaling in Plants: Genomics and Proteomics Perspective, Volume 2, pp. 83-110, Springer International Publishing, Switzerland. ISBN: 978-3-319-42182-7

She has received the following accolades:

- Received **Certificate of appreciation** awarded to project ‘*Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi*’ for being selected for research display the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016
- Received Certificate for project with **Most Significant Societal Impact** during Research Display at the Convention Centre, on 19<sup>th</sup> November, 2016.

### **Dr. Misha Yadav**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Dr. Seema Talwar**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Application of Biocontrol Agent and Herbal Oils on Wheat Crop against Fungal Disease (Fusarium)*.
- **Resource person** in “Workshop for the Laboratory Staff of Chemical and Life Sciences” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016

She has attended the following programmes:

- **Attended Workshop** on “Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on June 23<sup>rd</sup>, 2016 at Department of Environmental Studies, North Campus, University of Delhi.

She has presented the following papers/posters:

- **Presented Poster** ‘*Antifungal activity of some essential oils against Fusarium graminearum*’ in the Innovation Conclave – 2016 (under the aegis of ANDC Rajatotsav celebrations), Acharya Narendra Dev College, University of Delhi, from 25<sup>th</sup>- 26<sup>th</sup> October, 2016.
- **Presented paper** “*Clove Oil: as Biocontrol Agent*” In: Proceedings of II International Conference on “Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health 2016)” organized by Krishi Sanskriti, Jawahar Lal Nehru University, Delhi on 21<sup>st</sup> May, 2016 ISBN: 978-93-85822-17-9.
- **Presented paper** ‘*Climate change: Impact on food safety, nutrition and diseases*’ in National Seminar on “Emerging Issues of Climate Change: Sustainability and Economic Implications” at Aurobindo College, Delhi University from 21<sup>st</sup> -22<sup>nd</sup> October, 2016.
- **Presented paper** ‘*Air pollution and its effects on plants and human health*’ at 4<sup>th</sup> International Conference on Science and Arts of Holistic Health: Issues, challenges, opportunities, prevention, awareness, Jawaharlal Nehru University on 25<sup>th</sup> February, 2017.

## **Dr. Nupur Mondal**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Application of Biocontrol Agent and Herbal Oils on Wheat Crop against Fungal Disease (Fusarium)*

- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016.

She has attended the following programmes:

- **Attended Workshop** on “Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on June 23<sup>rd</sup>, 2016 at Department of Environmental Studies, North Campus, University of Delhi.

She has presented the following papers/posters:

- **Presented Poster** ‘*Antifungal activity of some essential oils against Fusarium graminearum*’ in the Innovation Conclave – 2016 (under the aegis of ANDC Rajatotsav celebrations), Acharya Narendra Dev College, University of Delhi, from 25<sup>th</sup>- 26<sup>th</sup> October, 2016.
- **Presented paper** “*Clove Oil: as Biocontrol Agent*” In: Proceedings of II International Conference on “Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health 2016)” organized by Krishi Sanskriti, Jawahar Lal Nehru University, Delhi on 21<sup>st</sup> May, 2016 ISBN: 978-93-85822-17-9.
- **Presented** ‘*Climate change: Impact on food safety, nutrition and diseases*’ in National Seminar on “Emerging Issues of Climate Change: Sustainability and Economic Implications” at Aurobindo College, Delhi University from 21<sup>st</sup> -22<sup>nd</sup> October, 2016.
- **Presented paper** ‘*Air pollution and its effects on plants and human health*’ at 4<sup>th</sup> International Conference on Science and Arts of Holistic Health: Issues, challenges, opportunities, prevention, awareness, Jawaharlal Nehru University on 25<sup>th</sup> February, 2017.

### **Dr. Divya Mohanty**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Industrial Waste Utilization for Microbial Fuel Production*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She has attended the following programmes:

- **Attended** in “*Training the Trainers IPR Workshop*” organized by Ramjas College and Institute of Life Long Learning, University of Delhi, Delhi – 110007 from 10th - 11th August 2016.
- **Attended** a one day programme on “*Organic Farming*”, and took the students of B.Sc. Life Science (3<sup>rd</sup> Semester) for Visit to Department of Microbiology and Department of Blue Green Algae, IARI, New Delhi on 3<sup>rd</sup> October, 2016.

She has presented the following papers/posters:

- **Presented Poster** entitled “*Bio-electricity production from food industry effluent*” presented in National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club, Shivaji College on 22<sup>nd</sup> March, 2016.
- **Presented paper** ‘*Bio-electricity Production From Food Industry Effluent*’ In: Conference Proceedings of National Seminar on Water and Air Quality in Urban Eco-system on March 22, 2016 organized by Eco-Club, Shivaji College, University of Delhi, New Delhi-110027, India.

She has published the following papers/chapters:

- **Published paper** Mohanty, D., Chandra, A. and Tandon, R. 2016. Floral biology and reproductive attributes of six cultivated accessions of pigeonpea. *International Journal of Plant Reproductive Biology* 8(2): 158-165 ISSN Print: 0975-4296
- **Published Book Chapter** ‘Germline Transformation for Crop Improvement’. In: Raina SN, Rama Rao S, Rajpal VR (eds.). *Molecular breeding for sustainable crop improvement* (Vol 2), pp. 343-395, 2016 in Springer International Publishing AG, Cham, Switzerland. ISSN: 2352-474X.

## **Dr. Anurag Maurya**

He has served as:

- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Dr. Ruchi Vir**

She has published the following papers/chapters:

- **Published book chapter** ‘Utilization of germplasm for the genetic improvement of Mung bean [*Vignaradiata* (L.)Wilczek]: the constraints and the opportunities’. In: Rajpal V.R. et al. (eds.). Gene Pool Diversity and Crop Improvement, Sustainable Development and Biodiversity 10, 2016. Springer International Publishing, Switzerland, DOI 10.1007/978-3-319-27096-8\_12.

### **Dr. Naghma Parween**

She has attended the following programmes:

- **Attended** “Society for Science and Nature International Seminar” at IISR, Lucknow from 23<sup>rd</sup> -24<sup>th</sup> December, 2016.

She has published the following papers/chapters:

- **Published paper** Praween, N. and S. K. Choudhary (2016). Estimation of sugar content by the effect of gibberellin in the perisperm of *Euryale ferox* Salisb. (Makhana) due to polynomial regression fit equation. IOSR, Journal of Pharmacy 6(10): 07-10.

## **DEPARTMENT OF BUSINESS ECONOMICS**

### **Ms. Parul Behl**

She has presented the following paper:

- **Presented paper** “Reforms for Transforming India: A Road ahead” at ICSSR Sponsored National Seminar organized by Sri Aurobindo College, University of Delhi from 17<sup>th</sup> – 18<sup>th</sup> February, 2017.

She has published the following chapter:

- **Published chapter** ‘Sammann: A Dignified Livelihood’, in the book titled “Udayan : A New Beginning” published by Women Development Cell, Shivaji College ISBN 978-81-86845-22-4

### **Ms. Urvasi Sathiya:**

She has attended the following programmes:

- **Attended** Faculty Development Programme on “Research Methodology and Data Analysis” organised by Shivaji College, University of Delhi during 21-27<sup>th</sup> November, 2016.
- **Attended** Faculty Development Programme on “Time Series Analysis” organised by Aryabhata College, University of Delhi during 28-30<sup>th</sup> April, 2016.

- **Attended** Symposium on “*International Financial Reporting Standards*” organised by Sri Ram College of Commerce, University of Delhi, in collaboration with Indian Accounting Association, Delhi Chapter” during 5<sup>th</sup> -6<sup>th</sup> May, 2016.
- **Attended** Faculty Development Programme on “*Asset Pricing and Investment Strategies*” organised by Sri Guru Gobind Singh College of Commerce, University of Delhi in association with Strathclyde Business School, U. K. during 14<sup>th</sup> -20<sup>th</sup> December, 2016.
- **Attended** Faculty Development Programme on “*E-Filing of Returns*” organised by Deen Dayal Upadhyaya College, University of Delhi in collaboration with Indian Accounting Association, Delhi Chapter on 14<sup>th</sup> January, 2017.
- **Attended** Faculty Development Programme on “*Using MS Excel for Business Mathematics Problems*” organised by P. G. D. A. V. College, University of Delhi in collaboration with Indian Accounting Association, Delhi Chapter on 21<sup>st</sup> January, 2017.

She has published the following chapter:

- **Published chapter** ‘Sammann: A Dignified Livelihood’, in the book titled “Udayan: A New Beginning” published by Women Development Cell, Shivaji College ISBN 978-81-86845-22-4

### **Ms. Priya Saxena:**

She has attended the following programmes:

- **Attended** Faculty Development Program on **STATA** organized by Department of Economics, Hansraj College, University of Delhi on 28<sup>th</sup> January, 2017.

She has published the following papers/chapters:

- **Published paper** Saxena, P. (2016). Economic Impact of 2016 Olympic Games on Brazil” Indian Streams Research Journal. Vol 6(4), pp1-8
- **Published paper** Saxena, P. and Garg, A. (2016). A Study into the Tourism Dynamics in Indian Economy. South Asian Journal of Tourism and Heritage. Pp 137-146
- **Published paper** Saxena, P. (2016). Farm Crisis in India: A Not-so Complicated Solution. Golden Research Thoughts. Vol 5(11), pp 1-5
- **Published chapter** ‘Meri Udaan : The Force Behind my Wings’, in the book titled “Udayan: A New Beginning” Women development cell, Shivaji College, 2017 ISBN 978-81-86845-22-4
- **Published chapter** ‘Nayi Disha: A New Direction’, in the book titled “Udayan: A New Beginning” Women development cell, Shivaji College, 2017 ISBN 978-81-86845-22-4

### **Mr. Abhimanyu Kumar:**

He has attended the following programme:

- **Attended** Faculty Development Programme on “*Research Methodology and Data Analysis*” organised by Shivaji College, University of Delhi from 21<sup>st</sup> -27<sup>th</sup> November, 2016.

### **Mr. Pankaj Khandelwal:**

He has published the following chapter:

- **Published chapter** “*Convexity and Concavity*”, e-content development for PG Courses (e-Pathashala Centre) for e- Learning S. G. T. B., Khalsa College.

## **DEPARTMENT OF CHEMISTRY**

**Dr. Promila Mathur** served as **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

**Dr. Manjula Singh** served as **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

**Dr. P. K. Sahu** served as **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

**Dr. Rajni Kanojia** served as **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

**Mr. Mahendra Kr. Meena** attended an Orientation Programme, OR-84, organized by CPDHE, University of Delhi from 20<sup>th</sup> May – 17<sup>th</sup> June, 2016.

**Dr. Bhaskar Mohan Kandpal** served as **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

### **Dr. Neena Khanna**

She has served as:

- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised by Shivaji College, University of Delhi from 31<sup>st</sup> may to 3<sup>rd</sup> June 2016.

She has presented the following papers/posters:

- **Presented poster** on “*Synthesis of  $\beta$ -C-Glycosides & their Pegylation: Amphiphiles for Drug Delivery Application*” in the National Conference in Chemistry (NCC 2016), Environment & Harmonious Development organized by Department of Chemistry, Shyam Lal College, University of Delhi on 7<sup>th</sup> – 8<sup>th</sup> April, 2016.

### **Dr. N. G. Giri**

- Attended a National Conference, Max Medicon 2017, organized by Max Hospitals on 21<sup>st</sup> – 22<sup>nd</sup> January, 2017.

He has also published the following papers:

- **Published paper:** Shukla, S. K. et al. (2016). Biodegradable Polymeric Nanostructures in Therapeutic Applications: Opportunities & Challenges. RSC Advances, Vol. 6, pp 94325-94351.
- **Published paper:** Jaiswal, A. K., Giri, N. G. et al. (2016). Analysis of phosphine with different techniques. International Journal of Medical Laboratory Research. Vol. 1(2), pp 17-23.
- **Published paper:** Kumar, S., Giri, N. G. et al. (2017). Analytical aspects with brief overview of depressants. SMU Medical Journal, Vol. 4(1), pp 142-167.

### **Dr. Rahul singhal**

He has served as:

- **Co-ordinator** of CONTECH-2016 (Concept Test in Chemistry) organized by ACT, c/o Homi Bhabha Centre for Science Education, Mumbai held on September 24, 2016.

He attended the following programmes:

- **Attended** an Orientation Programme, OR-84, organized by CPDHE, University of Delhi from 20<sup>th</sup> May – 17<sup>th</sup> June, 2016.
- **Attended** a Skill Development Workshop on Innovative Teaching Methodologies & Use of ICT in Teaching organized by CPDHE, University of Delhi on 20<sup>th</sup>-26<sup>th</sup> October, 2016.

### **Dr. Vandana Katoch**

She has served as:

- **Convener** and **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Convener** of Annual Chemistry Festival **RASTANTRUM** on 27<sup>th</sup> February, 2017 at Shivaji College.

### **Dr. Richa Arora**

She has served as:

- **Co-ordinator** of CONTECH-2016 (Concept Test in Chemistry) organized by ACT, c/o Homi Bhabha Centre for Science Education, Mumbai held on 24<sup>th</sup> September, 2016.
- **Resource person** in in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016



She has published the following papers/chapters:

- **Published paper:** Arora, R. et al. (2017) Theoretical Study of the Molecular Structure and Intramolecular Proton Transfer in Benzo hydroxamic Acid Computational and Theoretical Chemistry, Vol. 1105, pp 18-26.
- **Published chapter:** “Khaas: Nurturing Special Talent” in the book titled “UDAYAN-A New Beginning”, 2017, Women Development Cell, Shivaji College. ISBN 978-81-86845-22-4

### Dr. Pooja Saluja

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has presented the following papers/posters:

- **Presented paper** on “*Synthesis of spiro[indene-2,2'-naphthalene]-4'-carbonitriles & spiro[naphthalene-2,5'-pyrimidine]-4-carbonitriles via one-pot three component reaction using task specific ionic liquid*” in International Conference on Green Chemistry in Environmental Sustainability & Chemical Education (ICGC-2016) organized by Department of Chemistry, Daulat Ram College, University of Delhi on 17<sup>th</sup> – 18<sup>th</sup> November, 2016.

She has published the following papers:

- **Published paper:** Rajeswari, M., Saluja, P., Khurana, J. M. (2016) A facile and green approach for the synthesis of spiro[naphthalene-2,50 -pyrimidine]-4-carbonitrile via a one-pot three-component condensation reaction using DBU as a catalyst. RSC Advances, Vol. 6, pp 1307-1312.
- **Published paper:** Gupta, S., Saluja, P. and Khurana, J. M. (2016). DBU mediated confluent approach for the one pot synthesis of novel 5-hydroxy pyrazolo[1,2-a][1,2,4]triazoles and their dehydration to novel pyrazolo[1,2-a][1,2,4]triazole derivatives. Tetrahedron, Vol. 72, pp 3986-3993.
- **Published paper:** Khanna, G., Saluja, P. and Khurana, J. M. (2016). Catalyst free ethylene glycol promoted synthesis of spiro[indene-2,2' - naphthalene]-4'-carbonitriles and spiro[naphthalene-2,5' -pyrimidine]- 4-carbonitriles via one-pot three-component reaction. Tetrahedron Letters, Vol. 57, pp 5852-5855.
- **Published paper:** Chaudhary, A., Saluja P. and Khurana, J. M.(2016). Recent advances in the application of Meldrum's acid in multicomponent reactions Current Green Chemistry, Vol. 4, pp 1-18.

### Dr. Shilpa Jain

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has published the following papers/chapters:

- **Published paper:** Jain, S. and Datta, M. (2016). Montmorillonite-alginate microspheres as a delivery vehicle for oral extended release of Venlafaxine hydrochloride Journal of Drug Delivery Science and Technology, Vol. 33, pp 149-156.

She has received the following accolades:

- Received her **Ph.D degree** in Chemistry by University of Delhi at the convocation held on November 19, 2016.

### Mr. Deepesh Singh

He has served as:

- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### Dr. Swati Gupta

She has presented the following papers/posters:

- **Presented paper** on ‘*Nucleic Acid – based Biosensors: Future Trends in Environmental Monitoring*’ in National Conference in Chemistry (NCC 2016), Environment & Harmonious Development organized by Department of Chemistry, Shyam Lal College, University of Delhi on 7<sup>th</sup> – 8<sup>th</sup> April, 2016.
- **Presented paper** on ‘*Genosensors: Plausible Solution for Monitoring Heavy Metal Water Pollutants*’ in National Conference on Clean & Green Energy: The Chemical and Environmental Aspects organized by Department of Chemistry, Bhaskaracharya College of Applied Sciences on 16<sup>th</sup> – 17<sup>th</sup> February, 2016.
- **Presented poster** on ‘*Genosensors: Plausible Solution for Monitoring Geogenic Contaminants in Groundwater*’ in National Symposium on Geogenic Contamination of Groundwater: Its Impact & Mitigation Measure (GCG 2016) organized by Department of Regional Water Studies, TERI University on 22<sup>nd</sup> April, 2016.

She has published the following papers:

- **Published paper:** Kaushik, M. et al. (2016). A bouquet of DNA structures: Emerging diversity. Biochemistry and Biophysics Reports, Vol. 5, pp 388-395.

- **Published paper:** Kaushik, M. et al. (2016). Protein engineering and de novo designing of a biocatalyst. *Journal of Molecular Recognition*, Vol. 29(10) pp 499-503.
- **Published paper:** Talwar, P., Kanojia, N., Mahendru, S. et al. (2017). Genetic contribution of CYP1A1 variant on treatment outcome in epilepsy patients: a functional and interethnic perspective. *The Pharmacogenomics Journal* (In Press).
- **Published paper:** Mahendru, S. et al. (2017). Peptide Biomarkers: Exploring the Diagnostic Aspect. *Current Protein & Peptide Science* (Accepted).
- **Published paper:** Kaushik, M., Chaudhary, S., Mahendru, S. et al. (2016). MicroRNA: A Multi-Facet Biological Target for Cancer and other Diseases. *Clinical Cancer Drugs* (Accepted).
- **Published paper:** Kaushik, M., Chaudhary, S., Mahendru, S. et al. (2016) Genetic Variations: Heroes or Villains. *Journal of Down Syndrome & Chromosome Abnormalities*, Vol. 2 (2), pp 1-7 (1000113).
- **Published paper:** Kaushik, M., Mahendru, S. et al. (2016). DNA Fingerprints: Advances in their Forensic Analysis Using Nanotechnology. *Journal of Forensic Biomechanics*, Vol. 7 (3), pp 1-4 (1000131).
- **Published paper:** Kaushik, M., Mahendru, S. et al. (2016). Genomic Databases and Softwares: In Pursuit of Biological Relevance through Bioinformatics. *Advanced Techniques in Biology & Medicine*, Vol. 4(3), pp 1-6 (1000185).
- **Published paper:** Kaushik, M., Kumar, M., Chaudhary, S., Mahendru, S. et al. (2016). Advancements in Characterization Techniques of Biopolymers: Cyclic Voltammetry, Gel Electrophoresis, Circular Dichroism and Fluorescence Spectroscopy. *Advanced Techniques in Biology & Medicine*, Vol. 4 (3), pp 1-8 (1000184).

## DEPARTMENT OF COMMERCE

### Ms. Suman Kharbanda

She has served as:

- **Co-Convener** of the UGC and ICSSR sponsored National Conference on “Globalisation , Economic Development and Sustainability” held on March 29,2016
- **Convener** of the National Level FDP on “Data Analysis ad Research Methodology” from November 21 to 27, 2016 held at Shivaji College .

Suman Kharbanda,

She has attended the following programmes:

- **Attended** Faculty Development Programme on ‘*Introduction to Econometrics*’ organized by Ansal University during May 23rd-28th, 2016

She has published the following paper/chapter:

- **Edited** the book “Globalisation, Economic Development and Sustainability”, published by Prithvi Prakashan, New Delhi ( ISBN : 978-81-86845-40-2).

### **Dr. Rabinarayan Samantara**

He has presented the following papers:

- **Presented paper:** “*Conflict management in Organisations*” in conference proceedings at National Conference on “Globalisation, Economic Development & Sustainability” organised by Department of Commerce, Shivaji College, University of Delhi on March 29<sup>th</sup>, 2016

He has published the following papers:

- **Published paper:** “*Organisational Conflict Literature: A Review*” in Pari Kalpana, KIIT Journal of Management, 12(1), January-June 2016, ISSN- 097428808
- **Published paper:** “*Conflict management in Organisations*” in Conference Proceedings of UGC & ICSSR sponsored National conference on “Globalisation, Economic Development & Sustainability” organised by Department of Commerce, Shivaji College, University of Delhi on March 29, 2016 (ISBN- 978-81-86845-40-2)

### **Mr. Rajesh Kumar**

He has attended the following programmes:

- **Attended** Faculty Development Programme on “*E-filing of Return*” conducted by Department of Commerce and IQAC of Deen Dayal Upadhyaya College in collaboration with India Accounting Association, Delhi chapter on January 14<sup>th</sup>, 2017.
- **Attended** National Level Faculty Development Programme on “*Research Methodology and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

### **Dr. Ramesh Kumar Malik**

He has attended the following programmes:

- **Attended** Faculty Development Programme on “*Research Methodology & Data Analysis using EXCEL, SPSS & EViews*” organised by Motilal Nehru College (Eve.) from May 2<sup>nd</sup> -8<sup>th</sup>, 2016

He has published the following papers/chapters:

- **Co-Authored a book** on Cyber Crime and Law, published by Aryan Publication, New Delhi, Edition 2016, ISBN: 979383913-34-3

### **Dr. Rajinder Singh**

He has attended the following programme:

- **Attended** National Level Faculty Development Programme on “*Research Methodology and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

### **Ms. Kiran Chaudhary**

She has attended the following programme:

- **Attended Refresher Course** In Commerce At HRDC, Guru Jambheshwar University of Science & Technology (GJUST), Hisar from 09<sup>th</sup>-21<sup>st</sup> June, 2016

She has published the following paper:

- **Paper published:** “*Customer satisfaction towards Flipkart & Amazon: A comparative study*” published in International Journal of Academic Research & development (IJARD) Volume 2 (1), Third Issue. January- June 2016, (Article 4; pp 35-42)

### **Ms. Vanitha Chawla**

She has attended the following programmes:

- **Attended** accounting symposium organised by SRCC, University of Delhi from 5<sup>th</sup> -6<sup>th</sup> May, 2016
- **Attended** Faculty Development Programme on Time Series organised by Aryabhata College held on 28<sup>th</sup> -30<sup>th</sup> April, 2016.
- **Attended** National Level Faculty Development Programme on “*Research Methodology and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

### **Ms. Monika**

She has attended the following programme:

- **Attended** National Level Faculty Development Programme on “*Research Methodology and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

### **Ms. Manisha Rani**

She has attended the following programme:

- **Attended** National Level Faculty Development Programme on “*Research Methodology*

*and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

### **Ms. Manisha**

She has attended the following programme:

- **Attended** Faculty Development Programme on Research Methodology & Data Analysis using EXCEL, SPSS & EVIEWS organised by Motilal Nehru College (Eve.) from 2<sup>nd</sup>-8<sup>th</sup> May, 2016

### **Dr. Chhavi Sharma**

She has attended the following programme:

- **Attended** accounting symposium organised by SRCC, University of Delhi from 5<sup>th</sup> -6<sup>th</sup> May, 2016
- **Attended** National Level Faculty Development Programme on “*Research Methodology and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

### **Ms. Supriya Kamna**

She has attended the following programme:

- **Attended** Workshop on “Cyber Laws and Crimes” on 21st Jan, 2017 organized by Department of Commerce, Delhi School of Economics, University of Delhi.
- **Attended** 5th Annual International Commerce Conference, 2016 on “Startup to Sustainability: Initiatives and Challenges” organised by Department of Commerce, Delhi School of Economics, University of Delhi from 4<sup>th</sup> -5<sup>th</sup> November, 2016
- **Attended** UGC sponsored National seminar on “Changing Business and Economic Environment in India: Vision 2020” organised by Department of Commerce, Sri Aurobindo College, University of Delhi from 26<sup>th</sup> -27<sup>th</sup> February, 2016
- **Attended** Faculty Development Programme on Research Methodology & Data Analysis using EXCEL, SPSS & EVIEWS organised by Motilal Nehru College (Eve.) from 2<sup>nd</sup>-8<sup>th</sup> May, 2016

### **Ms. Anubha**

She has attended the following programmes:

- **Attended** Faculty Development Programme organized by D.A.V. Centenary College, Faridabad from 5<sup>th</sup> -11<sup>th</sup> May, 2016
- **Attended** Faculty Development Programme organized by Sahulat Micro Finance (Jamia Millia Islamia, New Delhi) from 2<sup>nd</sup> -3<sup>rd</sup> April, 2016

- **Attended** Faculty Development Programme organized by Delhi Institute Of Advanced Studies from 5<sup>th</sup> -11<sup>th</sup> June, 2016

### **Ms. Shweta**

She has attended the following programmes:

- **Attended Workshop** on “Cyber Laws and Crimes” on 21st Jan, 2017 organized by Department of Commerce, Delhi School of Economics, University of Delhi.
- **Attended 5th Annual International Commerce Conference, 2016** on “Startup to Sustainability: Initiatives and Challenges” organised by Department of Commerce, Delhi School of Economics, University of Delhi from 4<sup>th</sup> – 5<sup>th</sup> November, 2016
- **Attended All India Commerce Conference** organized by Faculty of Commerce, University of Lucknow from 11<sup>th</sup>-13<sup>th</sup> November, 2016
- **Attended** National Level Faculty Development Programme on “*Research Methodology and Data Analysis*” organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

She has presented the following papers/posters:

- **Presented paper:** Paper titled “Export performance and Competitiveness of Textiles Industry in 5<sup>th</sup> Annual International Commerce Conference organized by Department of Commerce, Delhi School of Economics, University of Delhi on 5<sup>th</sup> November, 2016
- **Presented paper:** Paper titled “Export performance and Competitiveness of Textiles Industry: A review of Literature” in All India Commerce Conference on 12<sup>th</sup> November, 2016

She has published the following papers/chapters:

- **Published paper:** Paper titled “Export performance and Competitiveness of Textiles Industry in conference proceeding of 5<sup>th</sup> Annual International Commerce Conference organized by Department of Commerce, Delhi School of Economics, University of Delhi on 5<sup>th</sup> November, 2016
- **Published paper:** Paper titled “Export performance and Competitiveness of Textiles Industry: A review of Literature” in conference proceeding of All India Commerce Conference on 12<sup>th</sup> November, 2016

### **Ms. Harmanpreet Kaur**

She has attended the following programmes:

- **Attended Workshop** on “Cyber Laws and Crimes” on 21st Jan, 2017 organized by Department of Commerce, Delhi School of Economics, University of Delhi.
- **National Level Faculty Development Programme** on Research Methodology and Data

Analysis organized by Shivaji College, University of Delhi from 21<sup>st</sup>-27<sup>th</sup> November, 2016

- **Faculty Development Programme** on Time Series Analysis from 28<sup>th</sup> -30<sup>th</sup> April, 2016 organized by Aryabhata College, University of Delhi.
- **Faculty Development Programme** on e-Filing of Income Tax Return on 6<sup>th</sup> Aug, 2016 organized by Indian Accounting Association, Delhi Chapter in collaboration with Sri Guru Teg Bahadur Khalsa College, University of Delhi

She has published the following papers/chapters:

- **e-Content writer of the project ePGPathshala** under NMEICT, MHRD Govt. of India.

### **Ms. Vineeta**

She has attended the following programmes:

- **Faculty Development Programme** on e-Filing of Income Tax Return on 6<sup>th</sup> Aug, 2016 organized by Indian Accounting Association, Delhi Chapter in collaboration with Sri Guru Teg Bahadur Khalsa College, University of Delhi
- **Attended** Workshop on “Cyber Laws and Crimes” on 21st Jan, 2017 organized by Department of Commerce, Delhi School of Economics, University of Delhi.
- **Attended** 5th Annual International Commerce Conference, 2016 on “*Startup to Sustainability: Initiatives and Challenges*” organised by Department of Commerce, Delhi School of Economics, University of Delhi from November 4<sup>th</sup> -5<sup>th</sup>, 2016

She has presented the following papers/posters:

- **Presented paper:** “Evaluation of E-commerce websites using AHP decision making process” in 5th Annual International Commerce conference 2016 organised by Department of Commerce, Delhi School of Economics, University of Delhi on November 5<sup>th</sup>, 2016

## **DEPARTMENT OF COMPUTER SCIENCE**

### **Mr. Rakesh Yadav**

He has served as:

- **Chaired Session** at IEEE International Conference at INDIACOM-2017, organized at BVICAM from 1<sup>st</sup> – 3<sup>rd</sup> March, 2017.

He has presented the following papers:

- **Presented paper** entitled “*Mayday: Emergency Help App.*”, at INDIACOM–2017, IEEE International Conference on Computing for Sustainable Development, 1<sup>st</sup>-3<sup>rd</sup> March, 2017.

### **Ms. Preeti Sharma**

She has presented the following papers/posters:



- **Presented paper** entitled “*Usher: Android Application for Travel Convenience in Delhi NCR*” at INDIACOM – 2017, IEEE International Conference on Computing for Sustainable Global Development, 1<sup>st</sup> -3<sup>rd</sup> March, 2017 at Bharati Vidyapeeth, New Delhi.
- **Presented poster** for “*Innovation project entitled Real Time Android Application for Travel Convenience*” at the 94th Foundation Day of University of Delhi at on May 1st, 2016

She has published the following papers/chapters:

- Managing Editor of book Udayan : A New Beginning published by published by Women Development Cell, Shivaji College, ISBN 978-81-86845-22-4

She has received the following accolades:

- Received **Certificate of Appreciation** awarded to project ‘*Real Time Android Application for Travel Convenience*’ for being selected for research display at the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016

### **Dr. Smriti Babbar**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Accessing Microbial Diversity of Yamuna Water: A step towards Environmental Restoration.*
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has participated in the following programmes:

- **Attended** *International Research Workshop on Cloud Computing* held at JNU in December 2016.

She has presented the following papers/posters:

- **Presented poster** on ‘*Bioremediation: A step towards environmental restoration*’ at National Seminar on Water and Air Quality in Urban Ecosystem. Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016.
- **Presented Poster** on ‘*Harnessing Electricity Using Microbial Fuel Cell*’ in National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club, Shivaji College, University of Delhi, New Delhi on 22<sup>nd</sup> March, 2016.
- **Presented Poster** on ‘*Metal Toxicity: An Issue of Environmental Concern*’ in National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club of Shivaji College, University of Delhi, New Delhi on 22<sup>nd</sup> March, 2016.

She has published the following papers/chapters:

- **Co-author** of chapter Prashanti- Defining Peace in a book Udayan : New beginning published by Women Development Cell, Shivaji College, ISBN 978-81-86845-22-4

She has received the following accolades:

- **Received First prize** for poster presentation ‘Bioremediation: A step towards environmental restoration’ at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016.
- **Received First prize** for poster presentation ‘Metal toxicity: an issue of environmental concern’ at National Seminar on Water and Air Quality in Urban Ecosystem organized by Eco Club Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March, 2016.

### **Ms. Abha Vasal**

She has presented the following papers/posters:

- **Presented paper** at INDIACOM-2017; IEEE International Conference on Computing for Sustainable Global Development, 1<sup>st</sup> – 3<sup>rd</sup>, March, 2017 at Bharati Vidyapeeth, New Delhi.
- **Presented poster** for “*Innovation project entitled Real Time Android Application for Travel Convenience*” at 94<sup>th</sup> Foundation Day of University of Delhi at on 1<sup>st</sup> May, 2016.
- **Presented poster** at Research display at the Convocation Ceremony of University of Delhi held on 19<sup>th</sup> November, 2016.

She has published the following papers/chapters:

- **Senior editor** of book Udayan: A New Beginning and co-author of chapters Meri Udaan: The Force Behind my Wings and Nayi Disha : A New Direction published by Women Development Cell, Shivaji College, ISBN 978-81-86845-22-4

### **Mr. Ajay Kumar**

He has participated in the following programmes:

- **Attended** staff training programme on Introduction to Big Data, online non-credit course authorized by University of California, San Diego offered through Coursera. Course completion certificate handed over on 3<sup>rd</sup> April, 2016
- **Attended** DST Sponsored training programme (Two Weeks FDP) on “Big Data Analytics” organized by University School of Information & communication Technology, GGSIPU, Delhi during 4<sup>th</sup> – 15<sup>th</sup> July, 2016.

### **Ms. Sapna Grover**

She served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has participated in the following programmes:

- **Attended** International Research Workshop on ‘Cloud Computing’ held at JNU in 22<sup>nd</sup> - 23<sup>rd</sup> December, 2016.
- **Attended** Faculty Training Programme on Research Project Management held at CIC- Centre for Science Education and Communication, University of Delhi, in 19<sup>th</sup> July 2016.

She has published the following papers/chapters:

- **Co-author** in a chapter Prashanti- Defining Peace in a book Udayan : New beginning published by Women Development Cell, Shivaji College, ISBN 978-81-86845-22-4

### **Mr. K.K.S. Gautam**

He has presented the following papers:

- **Paper presented** and accepted for Publication entitled “*Hyper Spectral Imaging*”, INDIACOM–2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup> – 3<sup>rd</sup> March, 2017.
- **Paper presented** “Transforming Business Requirements into IT Application Solution and Business Implementation” at INDIACOM – 2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup> – 3<sup>rd</sup> March, 2017

### **Mr. Kamal Kumar Ranga**

He has served as:

- **Expert lecture** on “*Writing Research Presentations*” at Ganga Institute of Technology and Management, Jhajjar, Haryana.

He has presented the following papers:

- **Published paper** Khanna, S. and Ranga, K.K. (2016). Multiple Format Stenography Implementation. International Journal of Computer Applications, Issue 6.
- **Published paper** Parashar, R. and Ranga, K.K. (2016). Implementing sales CRM on cloud services sing salesforce.com. International Journal Of Engineering Sciences & Research Technology, A Journal of Thomson Reuters.
- **Published paper** Sehgal, S. and Ranga, K.K. (2016). Translation of Entity Relationship model to Dimensional model. International Journal of Computer Science and Mobile Computing.
- **Paper presented** and Accepted for Publication “*Big Data :A new way to look at World*”, Springer International Conference on Advanced Informatics for Computing Research, Hosted by Lyallpur College of Engineering , Jalandhar and Namibia University of Science and Technology, Namibia and Southern Federal University, Russia, 17<sup>th</sup> -18<sup>th</sup> March, 2017.
- **Paper presented** and accepted for publication “*Transforming Business Requirements into*

*IT Application Solution and Business Implementation*”, at INDIACOM – 2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup>-3<sup>rd</sup> March, 2017.

- **Paper presented** and accepted for Publication “*Adaptive Step based CDMA power control algorithms*”, at INDIACOM– 2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup> – 3<sup>rd</sup> March, 2017.
- **Paper presented** and accepted for Publication “*Hyper Spectral Imaging*”, at INDIACOM-2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup> – 3<sup>rd</sup> March, 2017.
- **Paper presented** and accepted for Publication “*Mayday: Emergency Help App.*”, at INDIACOM– 2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup> -3<sup>rd</sup> March, 2017.

### **Ms. Yogesh Kumari**

She has participated in the following programmes:

- **Attended** Workshop on PHP and MySQL organized by DUCC, DU from 19<sup>th</sup>-23<sup>rd</sup> December, 2016

She has published the following papers/chapters:

- **Paper presented** “Hyper Spectral Imaging”, INDIACOM– 2017, IEEE International Conference on Computing for sustainable Development, 1<sup>st</sup> -3<sup>rd</sup> March, 2017.

## **DEPARTMENT OF ECONOMICS**

### **Dr. Anshu Chopra**

She has served as:

- **Project Investigator** of an innovation project on ‘*Real Time Android Application for Travel Convenience*’
- Served on the Editorial Board as **Executive Editor** for the book titled Udayan: A New Beginning (2017), published by Women Development Cell, Shivaji College, New Delhi, ISBN 978-81-86845-22-4.

She has presented the following papers/posters:

- **Presented Poster** for innovation project ‘*Real Time Android Application for Travel Convenience*’ at the 94<sup>th</sup> Foundation Day of University of Delhi at Vice regal Lodge on 1<sup>st</sup> May, 2016.

She has published the following papers/chapters:

- **Co-authored paper** titled '*Usher : Android Application for travel Convenience in Delhi NCR*', accepted at INDIACom - 2017; International Conference on Computing for Sustainable Global Development, technically sponsored by IEEE Delhi Section, to be held on 1<sup>st</sup> – 3<sup>rd</sup> March, 2017 at Bharati Vidyapeeth, New Delhi.

She has received the following accolades:

- **Received certificate of appreciation** for research display of innovation project '*Real Time Android Application for Travel Convenience*', at the Convocation Ceremony of University of Delhi held on 19<sup>th</sup> November, 2016.

### **Ms. Iti Dandona**

She has served as:

- **Senior Editor, Editorial Board** for the book titled *Udayan: A New Beginning* (2017), published by Women Development Cell, Shivaji College, New Delhi, ISBN 978-81-86845-22-4.

She has attended the following programmes:

- **Attended** Faculty Development Programme on '*Research Methodology and Data Analysis*' organized by Shivaji College from 21<sup>st</sup> – 27<sup>th</sup> November, 2016.

She has published the following papers/chapters:

- **Submitted modules** for e-content on the subject 'Public Finance and Policy in India' for the prestigious UGC National Project "e-PG Paathshaala" under NMEICT, an initiative of MHRD, Govt. of India.

### **Dr. Reetika Rana**

She has served as:

- Served on the Editorial Board as **Editor-in- Chief** for the book titled *Udayan : A New Beginning* (2017), published by Women Development Cell, Shivaji College, New Delhi , ISBN 978-81-86845-22-4.

She has attended the following programmes:

- **Attended Faculty Training Programme** on "Applied Economics Tools and Techniques for Managing Environmental Resources" at TERI UNIVERSITY from 3<sup>rd</sup> -10<sup>th</sup> October, 2016.
- **Attended Refresher Course** in Economics conducted by CPDHE (UGC-HRDC) from 13<sup>th</sup> October – 3<sup>rd</sup> November, 2016

She has published the following papers/chapters:

- **Published research paper:** Reetika Rana. (2016). Economic Viability of Compressed Natural Gas (CNG) as an Automotive Fuel for private vehicle owners. Global Business

and Economic Anthology, Vol I, pp 115-127. ISSN 1553.1392

She has received the following accolade:

- Selected for an NFP **Fellowship financed by Dutch Ministry of Foreign Affairs** for a study programme on Market access for food security (27<sup>th</sup> November – 16<sup>th</sup> December, 2016) at the Wageningen Centre for Development Innovation, Netherlands

### **Dr. Krishna Ram**

He has served as:

- **Resource Person** for ‘*Research Methodology Workshop*’ conducted by Department of Economics, Banaras Hindu University, Varanasi held on 12<sup>th</sup> -13<sup>th</sup> July, 2016

He has published the following papers/chapters:

- **Published paper:** Krishna Ram. 2016. Trend and Pattern of Non-food Commodities Consumption in India: 1993-94 to 2011-12. International journal “Anukriti” ISSN : 2250-1193.

### **Ms. Shivani Gupta**

She has published the following papers/chapters:

- **Co-Authored** a chapter titled ‘Pehchaan: A Fight for Identity’ in a book titled ‘Udayan: A New Beginning’ (2017) published by Women Development Cell, Shivaji College, New Delhi ISBN No.: 978-81-86845-22-4.

### **Ms. Bhumika Bhavnani**

She has served as:

- Served on the Editorial Board as **Senior Editor** for book titled Udayan: A New Beginning (2017), published by Women Development Cell, Shivaji College, New Delhi, ISBN 978-81-86845-22-4.

She has attended the following programmes:

- Attended a **Refresher Course** in Economics conducted by CPDHE (UGC-HRDC) from 13<sup>th</sup> October – November, 2016.

She has published the following papers/chapters:

- **Co-Authored** a chapter titled ‘Pehchaan: A Fight For Identity’ in a book titled ‘Udayan: A New Beginning’ (2017) published by Women Development Cell, Shivaji College, New Delhi, ISBN No.: 978-81-86845-22-4.

## **DEPARTMENT OF ENGLISH**

### **Dr. Anjali Raman**

- She has successfully defended her **PhD thesis** “Arcadian Wilderness in James Fenimore Cooper- An Exploration of Environmental Issues using Linguistic Cues” from Noida International University on 27<sup>th</sup> December, 2016.

### **Dr. Sonali Garg**

- Has been **awarded a PhD** from University of Delhi in November, 2016 on the topic ‘Contending Ideological Voices in Fiction on India; A Study of Premchand’s *Premashram* and *Rangabhoomi* and E.M. Forster’s *A Passage to India* and the *Hill of Devi*’

She **participated and presented paper** in the following program(s)

- She **attended** in the International Seminar on “*De-centering English Studies: Studying Literature in the Global South*” organised by Utkal University, Bhubaneswar from 19<sup>th</sup> - 21<sup>st</sup> January, 2017 and **presented the paper** titled “*Living, Learning, Remembering: Journeys of Expatriate Women in Jhumpa Lahiri’s The Lowland and Chitra Bannerji Divakaruni’s The Vine of Desire*”

### **Ms. Siamlianvung Hangzo**

She **participated and presented paper** in the following program(s):

- Entitled “*Decoding the Dorcas: Analysing Women’s Wing and their Agency in the Evangelical Baptist Convention*” at the two-day International Conference organised by Swami Shraddhanand College, DU, on 24<sup>th</sup> -25<sup>th</sup> February 2017.
- She **attended** the 1<sup>st</sup> Interdisciplinary Course in Women’s Studies conducted by JNU-HRDC from 7<sup>th</sup> November- 2<sup>nd</sup> December, 2016.

### **Dr L. Gitarani Devi**

- She **attended** the 1<sup>st</sup> Interdisciplinary Course in Women’s Studies conducted by JNU-HRDC from 7<sup>th</sup> November- 2<sup>nd</sup> December, 2016.

### **Ms. Ritu Madan**

- She **attended** the Orientation Programme (OR-84) at CPDHE (UGC-HRDC) from 20<sup>th</sup> May – 17<sup>th</sup> June, 2016

### **Dr. Varun Gulati**

He participated in the following programmes:

- **Attended** Two Day Symposium on “*Kashmir-Peace, People and Possibilities*” 29<sup>th</sup>-30<sup>th</sup> July 2016.
- **Attended** Two Days **International Conference** on “*Hagiography, Humanism and Caste*”

*Hierarchy in Bhakti Movement*” organized by Shyam Lal College (Eve). 20<sup>th</sup> -21<sup>st</sup> October 2016.

- **Attended Two Days International Conference:** “*The Relevance of Dr. Ambedkar’s Thought in Contemporary India*” organized by Shyam Lal College (Eve) from 14<sup>th</sup> -15<sup>th</sup> February, 2017.
- **Attended One Day National Seminar** on “*Mapping the Influence of Language, Literature and Culture on Society: A Universal Perspective*” at Lingaya’s University, on 11<sup>th</sup> November, 2016.

He also served as :

- **Chairperson in a Session** in One Day National Seminar – “*Mapping the Influence of Language, Literature and Culture on Society: A Universal Perspective*” at Lingaya’s University, 11<sup>th</sup> November 2016.
- **Resource Person** in a Workshop on “*English for Academic Writing: From Synopsis to Thesis Writing*” on 5<sup>th</sup> August 2016 at Jawaharlal Nehru University.

He also published the following papers/posters:

- **Paper published:** Gulati, V. (2016). Jhumpa Lahiri’s “*Unaccustomed Earth*”– *Displacement and Liberation.*” *Research Journal of English Language and Literature.* pp 70-78
- **Paper published:** Gulati, V. (2016). “*Ammu’s Tragedy: An Alienated Voice of Arundhati Roy’s The God of Small Things.*” *International Journal of English language, Literature and Translation Studies* 3: 165-169.

### **Dr. Divya Madaan**

She **attended** the following programs:

- National Conference on “*Many Patriarchies, Many Positionalities: Re- interrogating Gender in Narrative from North-East India*” organized by Shivaji College on 16<sup>th</sup> -17<sup>th</sup> February, 2017 and presented a paper entitled “*Interrogating Symbolism: Re-visiting Garo and Kokborok Folk Literature Gertrude Lamare from a Psychoanalytic Perspective*” in the same.
- Two-day Faculty Development Programme, Workshop on “*Research Methodology: An Inter-disciplinary Approach*” Organized by Hansraj College, University of Delhi. 20<sup>th</sup> - 21<sup>st</sup> February, 2017.

### **Ms. Gunjan Kumari**

She participated in the following programs:

- **Workshop** on “*Language through Literature*” Organized by the Department of English, Delhi University on 17<sup>th</sup> August 2016.



- **Workshop on E-Learning** for teachers and students with disabilities organized by Delhi University on 9<sup>th</sup> November, 2016.

She also presented the following paper(s):

- **Presented paper** *Dalit Autobiography the Voice of the Multi-Marginalised: A Study of Baby Kamble's "The Prisons We Broke"* at An Interdisciplinary two day International conference on 'New trends in Humanities, Gender and Cultural Studies' organized by Department of English, N.G. Acharya and D.K. Marathe College of Arts, Science and Commerce, Mumbai, India. This was also published in the Journal Chronicle of Humanities and Cultural Studies 1(4):59-67.
- **Paper published:** Kumari, G. (2016). Identity Crises and the Quest for Self in Jean Rhys's 'Wide Sargasso Sea.' Research Scholar – An International Refereed e-Journal on Literary Explorations Vol 4(3).

### **Ms. Gertrude Lamare**

- She **presented** the paper "*Women in the Political: A Study of Khasi Society*" in the **National Conference** on "*Many Patriarchies, Many Positionalities: Re-interrogating Gender in Narrative from North-East India*" organized by the Department of English, Shivaji College, Delhi University.

## **DEPARTMENT OF ENVIRONMENTAL STUDIES**

### **Dr. Virat Jolli**

- **Paper published:** Hudson, L. N., Newbold, T., Contu, S., Hill, S. L., Lysenko, I., De Palma, A., **Jolli, V.** and Booth, H. (2017). The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. Ecology and Evolution, 7(1), 145-188.

He also **presented the following papers/ posters:**

- Kumar V and **Jolli, V.** (2016). Agroforestry: A step towards sustainable rural development. At the National Conference on Accelerating Rural Growth from 2<sup>nd</sup> -3<sup>rd</sup> September, 2016 At Shri Aatm Vallabh Jain Girls (PG) College.
- Kumar, V., **Jolli, V.**, & Gupta, S., Tyagi, S., Mathan, A., Arunender, Kumar. M., Bhawna., Kumari, S., Kumari, A., Garhwal, M., Hitakshi. and Gupta, S .(2016). "Can We Use Birds as an Ecological Indicator of Sustainable Cities"? at the National Seminar on Water and Air Quality in Urban Ecosystem on 22<sup>nd</sup> March, 2016, Eco Club Shivaji College (University of Delhi), Delhi, India. (Awarded the Best Poster Award under Ecological Indicator, Category).
- **Jolli, V.** (2016). An Assessment of Avian Homogenization in Western Himalayas at the British Ornithologists Union (BOU) Annual Conference on Urban Birds: Pressures, Processes And Consequences, 5<sup>th</sup> -7<sup>th</sup> April 2016 at University of Leicester, United

Kingdom.

He also **edited** the following books:

- **Edited:** Kumar, V., Bharti., Bamel, K., Kulshreshtha, P., Jolli, V and Mondal, N (2016) Abstract Book: National Seminar on Water And Air Quality In Urban Ecosystem. Eco Club Shivaji College, University of Delhi, New Delhi-110027 (ISBN 978-93-5267-174-8).
- **Edited:** Kumar, V., Bharti., Bamel, K., and Jolli, V (2016). Proceedings of The National Seminar on Water And Air Quality In Urban Ecosystem. Eco Club Shivaji College, University of Delhi, New Delhi-110027 (ISBN 978-93-5267-493-0).

## DEPARTMENT OF GEOGRAPHY

### Dr. Surender Singh

He has published the following books:

- **Published Book:** “*General studies for civil- services*”, ISBN:978-93-5260-346-6, published by Tata Mc Graw Hill Publication House, New Delhi
- **Published Book:** “*Samanyadhayan for civil-services (hindi)*”, ISBN:978-5260-365-7, published by Tata Mc Graw Hill Publication House, New Delhi.
- **Published Book:** “*Paper 1<sup>st</sup>*” for UGC-NET, ISBN:978-93-5260-273-5, published by Tata Mc Graw Hill Publication House, New Delhi.

### Dr. Tejbir Singh Rana

He has served as:

- **Advisory Member** of Development Committee, JRB Rajasthan Vidayapeeth, Udaipur.
- **Ph. D Guide** of Ms. Arti Sharma. Ph.D. Topic, “Exploring Social fabric for Sustainable Development in Aligarh District, UP” from University of Delhi, thesis submitted on 15<sup>th</sup> September, 2016.
- **Principal investigator** of Innovation project entitled as “*Inventory and prospect of water conservation in western Rajasthan*”.
- **Resource Person** in a talk on Demystifying NAAC in Aditi Mahavidalya, University of Delhi, on 1<sup>st</sup> February, 2017.
- **Chairperson** in the Technical Session on Resource Conservation and Management in S.B.S. College (Delhi University) at the 9th International Geographical Union (IGU) Conference from 18<sup>th</sup> -20<sup>th</sup> March 2016.
- **Member** of committee for restructuring CBCS syllabus of university of Delhi.

He has presented the following papers/posters:

- **Presented paper:** “*Human response to sustainable transport system in Delhi*” in National

Conference organized by S.B.S. College, Delhi University on making cities resilient: post habitat III, on 3<sup>rd</sup> - 4<sup>th</sup> February 2017.

- **Presented paper:** “*Commercialization of farmlands and environmental hazard of Bikaner District*” in National Conference organized by Govt. College for Women, Rohtak on the theme of Sustainable Development in Agriculture and environment, on 9<sup>th</sup> February 2017.
- **Presented paper:** “*Governance of Land-use change and the Potential of Disaster: A Case Study of Alipur Block, Delhi*” in 9<sup>th</sup> International Conference of International Geographical Union (IGU) at SBS College, University of Delhi from 18<sup>th</sup> -20<sup>th</sup> , March 2016.
- **Presented Poster** on “*Technology and Women Health*” at S.B.S. College (Delhi University), 9th International Geographical Union (IGU) Conference from 18<sup>th</sup> -20<sup>th</sup>, March 2016.
- **Presented Poster** on “*Inventory and prospect of water conservation in western Rajasthan*” for during the Research Display at the Convocation Ceremony, University of Delhi on 19<sup>th</sup> November, 2016.

He has published the following papers:

- **Published Paper:** “*Water Management in western Rajasthan*”, published in DU Journal of Undergraduate Research and Innovation. Vol 2(2), pp165-171 ISSN No. 2395-2334, in 2016.
- **Published Paper:** “*Implications of Technology in Water Management: A case study of Western Rajasthan*”, published in North Asian International Research Journal Consortium, Vol 2(5), ISSN No. 2454-2326 in 2016.
- **Published Paper:** “*Generic Urbanisation: Delhi’s Reality*”, published in Geography and You, Sustainable Future, pp-21-25, ISSN No. 2347-884-5 in 2016.
- **Published Paper:** “*Changing Landscape of Rural Urban Fringe of Delhi: A procedural enquiry of Alipur Block*” published in North Asian Research Journal, Vol 2 (2), pp-3-10, ISSN No. 2454-2326 in 2016.

### **Dr. Preeti Tewari**

She has published the following paper:

- **Presented Paper:** “*Air Pollution: Sources and Effects*”, pp 46-49, published in Proceedings of the National Seminar on Water and Air Quality in Urban Ecosystem, ISBN: 978-93-5267-493-0, March 2016.

### **Dr. Prabuddh Mishra**

He has served as:

- **Resource Person** in Two day Translation Workshop at NCERT, New Delhi from 4<sup>th</sup> – 5<sup>th</sup> January 2017.

- **Resource Person** in Five day workshop on Development of E-contents in Geography for Secondary Stage at NCERT, New Delhi. 9<sup>th</sup> – 14<sup>th</sup> January 2017.
- **Rapporteur** in National Conference on “*Making Cities Resilient: Post Habitat III*” in Technical Session-3, organized by Bhagat Singh College, University of Delhi, 03<sup>rd</sup> -04<sup>th</sup> February, 2017.
- **Rapporteur** in a one day National Seminar on “*Contemporary Geographical Issues in India*”, in technical Session-2, organized by Bhim Rao Ambedkar College, University of Delhi, 30<sup>th</sup> March, 2016
- **Executive member** for Northern Region, National association of Geography at 38<sup>th</sup> Indian Geography congress at Mysore, Karnataka (2016-2018).

He has attended the following programme:

- **Attended** Two Day National Conference on “*ICSSR Research Survey and Exploration in Economic Geography*” held on 22<sup>nd</sup> -23<sup>rd</sup> March 2016 at Convention Centre JNU, New Delhi.

He has presented the following papers:

- **Presented Paper:** “*Farmers Perception on Climate Change and Farming System in Sikkim Himalaya*” in 38<sup>th</sup> Indian Geography Congress (National Seminar) organized by National Association of Geographers, India (NAGI) on “Sustainable Development and Environmental Vulnerability and Geospatial Technology“, Mysore University, 26<sup>th</sup> – 28<sup>th</sup> December, 2016.
- **Presented Paper:** “*The Challenges of Mountain Environments: A Case of Himalayan Region*” in a one day National Seminar on ‘Contemporary Geographical Issues in India’ organized by Bhim Rao Ambedkar College, University of Delhi on 30<sup>th</sup> March, 2016.
- **Presented Paper:** “*Women and Natural Resource Management: Illustrations form Sikkim Himalaya, India.*” In 9<sup>th</sup> International Geographical Union (IGU) Conference on “Land-Use, Climate Extremes and Disaster Risk Reduction” organized by Bhagat Singh College, University of Delhi from 18<sup>th</sup>-20<sup>th</sup> March, 2016.

He has published the following papers/chapters:

- **Published Paper:** Mishra, P. (2017). Assessment of Run-off and Soil Loss under different Land-use Practices in a Himalayan Watershed, India” in American Research Journal of Humanities and Social Sciences. Pp:1-10. ISSN-2378-7031 (*Online*).
- **Published Paper:** Mishra, P. (2017). Women Participation in Conservation of Natural Resource in Sikkim Himalaya” in Journal of Gender Equality and Sensitivity. Vol. 10 (1), Pp.25-47. ISSN: 0973-7790 (*Print*).
- **Published Chapter:** Mishra, P. (2016). Revitalizing Traditional Ecological Knowledge and Geographic Information System in Management of Natural Resources” in Book Geo-

Anthropogenic Environment: An Appraisal, edited by VAV Raman published by A.K Publishers, New Delhi. Pp: 165-175. (ISBN: 978-93-85022-73-9).

- **Published Chapter:** Mishra, P. (2016). Indigenous Knowledge of Terrace Management in Sikkim Himalaya, India” in Environment, Pollution and Socio-economic Development in India, edited by K.K. Yadav, S.P.L. Srivastava and Pramod Kumar published by Vijay Prakashan Mandir (P) Ltd, Varanasi, Pp: 1-17. (ISBN: 978-93-84201-40-1).

### **Dr. Nitin Punit**

He has attended the following programme:

- **Attended** a National Seminar on “*Contemporary Geographical Issues of India*” organised by Dr. B. R. Ambedkar College, New Delhi, 30<sup>th</sup> March 2016.

He has presented the following papers:

- **Presented Paper:** “*Assessing the Relationship of Environment and Development: A Case Study of Himachal Pradesh*” in 9<sup>th</sup> International Geographical Union (IGU) Conference, New Delhi, 18<sup>th</sup> -20<sup>th</sup> March, 2016.
- **Presented Paper:** “*An Analysis of Human and Environmental Indicators to Measure Sustainability in Himachal Pradesh*” in International Conference on Spatial Decision Support Systems for United Nations: Sustainable Development Goals, New Delhi, 1<sup>st</sup> -2<sup>nd</sup> February, 2017.

### **Mr. Bharat Ratnu**

He has served as:

- **Investigator** of Innovation project “*Inventory and prospect of water conservation in western Rajasthan*” in 2016.

He has presented the following papers/posters:

- **Presented Paper:** “*Water Management for Sustainability in Nagaur district, Rajasthan*”, in International conference on “Spatial decision support system for united nation Sustainable Development Goal” organised by Kalindi College, University of Delhi on 1<sup>st</sup> and 2<sup>nd</sup> February 2017.
- **Presented Paper:** “*Smart cities and water problems: A case study of Ajmer*” in National Seminar on ‘Water and Air Quality in Urban Ecosystem’ organized by Eco club, Shivaji College, University of Delhi, Delhi on 22<sup>nd</sup> March 2016.
- **Presented Paper:** SHC 315 “*Inventory and prospect of water conservation in western Rajasthan*” for Research Display at the Convocation Ceremony of University of Delhi

He has published the following papers:

- **Published Paper:** “*Water Management in western Rajasthan*”, in DU Journal of Undergraduate Research and Innovation. Vol 2(2), pp 165-171 ISSN No. 2395-2334, in

2016.

- **Published Paper:** “*Implications of Technology in water management: A case study of western Rajasthan*”, in North Asian International Research journal Consortium, Vol 2(5), ISSN No. 2454-2326 in 2016.
- **Published Paper:** “*Trends of Employment and unemployment in Indian states: Gender Analysis*” in North Asian International Research journal Consortium, Vol 2(1), ISSN No. 2454-2326 in 2016.
- **Published Paper:** “*Fluoride Toxicity of Ground Water in Makrana Tehsil, Nagaur District, Rajasthan*”, in DU Journal of Undergraduate Research and Innovation. Vol 1 (2), ISSN No. 2395-2334, pp 386-394 in 2015.

## DEPARTMENT OF HINDI

### Dr. Sarvesh Kumar Dubey

He was nominated for three years as Dean Executive, of Faculty of Arts, by the Council Branch, University of Delhi.

### Dr. Ruchira Dhingra

- **Delivered** UGC sponsored 30 lectures on Hindi Katha Sahyaya mein Mahila Rachnakaro ka Yogadaan. Seven out of 30 lectures are now available on You Tube (2016-17).  
<https://youtu.be/KDR3B64ZOv4>,[https://youtu.be/9Q5\\_jPs11lk](https://youtu.be/9Q5_jPs11lk),  
<https://youtu.be/17z7dou4Ejk>,<http://youtu.be/PvBudcjZxGo>,  
<https://youtu.be/gH9vcFdQVM8>,<https://youtu.be/pmiK5wv7Aqw>,  
<https://youtu.be/apyk6JH9s4>.

She has presented the following papers/posters:

- **Presented paper** on *Rangey Raghav ke upanyas mei sanskritik rashtriya wad* in a National conference (2017)

She has published the following books:

- **Published book** “Bharatiya kavya shastra”, Mansarovar Prakashan ISBN 978-83745-34-0 (2017)
- **Published book** “Hindi Kahani Sanchayan” ISBN 978-9381479-50-6 (2106) & “Hindi Bhasha Aur Samprashan”, Satish Book Depot ISBN 978-93-81479-04-9 (2016)

### Dr. Virender Bhardwaj

He has published the following books:

- **Co-authored** a book ' Hindi ka Vaishvik Paridrishya ' published by Natraj Prakashan, Delhi ISBN No. 978-93-81350-92-8 (2017)

- **Co-authored** a book ' Bhartiya Kavyashastra' published by Akshar Prakashan, Delhi ISBN No. 978-93-85600-16-6 (2017)

### **Dr. Vikas Sharma**

He has published the following books:

- **Published** a book "Bhasha Aur Samaj " published by Natraj Prakashan , ISBN No.978-93-86113-18-4 (2016)
- **Co-authored** a book ' Hindi ka Vaishvik Paridrishya ' published by Natraj Prakashan, ISBN No. 978-93-81350-92-8 (2017)
- **Co-authored** a book ' Bhartiya Kavyashastra' published by Akshar Prakashan, ISBN No. 978-93-85600-16-6 (2017)

He has attended the following programme:

- **Attended a UGC-sponsored Workshop** on Academic and Creative writing from 20<sup>th</sup> – 26<sup>th</sup> September 2016 organised by C.P.D.H.E University of Delhi

### **Dr. Jyoti Sharma**

- Delivered a **special lecture** as invited Professor in the University of Paris Inalco on the topic "Language teaching pedagogy" on 14<sup>th</sup> – 16<sup>th</sup> September, 2016.

She has is serving as:

- **Visiting Professor** in the **University of Switzerland** for one semester starting from February 2017.

She has published the following papers/chapters:

- **Published article** "Sanskritik Rashtvaad aur Bhartendu ke Natak" in book titled "Natakkar Bhartendu : Naye Vimarsh", Editor Prof. Ramesh Gautam, ISBN no.978-93-85450-52-5 by Ananya Prakashan (2016)
- **Published chapter** "Gun aur Dosh -Lakshan aur Bhed" in the book titled "Bhartiy Kavyashatra", Edited by Dr. Virender Bhardwaj Akshar Prakashan ISBN 978-93-85600-16-6 (2017)

### **Dr. Darshan Pandey**

He has served as:

- Managing Editor of coffee table book named' Udayan – A New Beginning', published by Shivaji College, WDC, 2017.

He has attended the following programmes:

- **Attended** One week International Workshop on *Hindi ka Rashtriya evam Antar-Rashtriya*

*Paridrishy* from 25<sup>th</sup> April – 1<sup>st</sup> May, 2016

- **Attended** One week UGC sponsored Workshop on *Academic and Creative Writing*, organized by CPDHE, University of Delhi from 20<sup>th</sup> - 26<sup>th</sup> September, 2016.

He presented the following papers:

- **Presented paper** “*Vartaman Vaishvik Paridrishya mein Hindi ki Shakti, Seemayen aur Sambhavnayen*” at KMM Hindi Tatha Bhasha Vigyan Vigyapeeth, organized by DBAU, Agra and CIH, Agra, sponsored by UGC
- **Presented paper** “*Swatantryottar Hindi Natakon mein Sanskritik Mulyon ka Vightan*” organized by SCSS, JNU in collaboration with CIH, Agra and Rashtriya Sanskrit Sansthan, New Delhi and Vimarsh on 28<sup>th</sup> – 29<sup>th</sup> September, 2016.

He has published the following articles:

- **Published article:** “Maram ki peer na janat koy: Shri Chandravali” in a book titled ‘Natakkaar Bhartendu naye sandarbh: naye vimarsh’ Edited by Prof. Ramesh Gautam, Ananya prakashan, Delhi (2016)
- **Published article:** “Vrind ka Kavya : Varnya Vishay evam Abhivyanjana shilp” in a book titled ‘Madhyakaaleen Hindi Kavya Paridrishy’, Edited by Dr. Rama, Dr. Vijay Kumar Mishra and Mahendra Prajapati, Samvad Media Private Ltd., Delhi.
- **Published article:** “Aaj Gandhi Kitne Prasangik” in a book titled ‘Vartmaan Paridrishya aur Gandhi’, Edited by Dr. Rama, Dr. Vijay Kumar Mishra and Mahendra Prajapati, Samvad Media Private Ltd., Delhi.
- **Published article** ‘Hope: Ummeed ki ek Kiran’ for coffee table book named “Udayan – A New Beginning”, Shivaji College, WDC, 2017.
- **Published paper** Pandey, D. (2016) “Naatyaa Tattvon ki Kasauti par Mohan Rakesh Krit Ashaadh ka ek Din” International Journal of academic Research and Development, Vol.1, Issue 4.
- **Published paper** Pandey, D. (2016) “*Daya Prakash Sinha krit ‘Itihas’ Natak ke bahane Bhartiya Swatantrata Sangharsh ki Padtal*” International Journal of Academic Research and Development, Vol. 1, Issue 7.

He has received the following accolades:

- **Guest lecturer** in two day National Seminar at Mahila Sewa Sadan Degree College, Allahabad titled ‘ Mahadevi Verma ke Sahitya mein Strii Prashn’ on 26<sup>th</sup> – 27<sup>th</sup> November, 2016.

## **Dr. Sarita**

She presented the following papers:

- **Presented paper** “*Bhakti Aandolan mein Soor ki Gopi aur Nari chetna*” in International



Conference, organized by Department of English & Hindi, Shyam Lal College (evening), University of Delhi at National Museum, New Delhi on 20<sup>st</sup> – 21<sup>st</sup> October, 2016.

- **Presented paper** "*Sant Kavya aur Ambedkar ka Samajik Nyay*" in International Conference, organized by Department of Political Science, Shyam Lal College (evening) & Department of Buddhist Studies, Faculty of arts, University of Delhi at ARC Auditorium, ILL, DU on 14<sup>th</sup> – 15<sup>th</sup> February, 2017.

### **Dr. Arvind Kumar Yadav**

He has published the following books/chapters:

- **Edited** a book titled 'Aaprawasi sahity aur uski saidhantiki' Pratibha prakashan Allahabad. ISBN: 978-81-908246-8-2 (2016)
- **Published chapter** 'Rajnitik dawedari :majdur aur stri prashn( vishes sandarbh-marishas me base bhartiya' in the book named "Aaprawasi sahitya aur uski saidhantiki". ISBN: 978-81-908246-8-2 (2016)

### **Dr. Kanchan**

She has published the following papers/chapters:

- **Published book** "Hindi ka Vaishvik Paridrishya", Published by Natraj Prakashan. ISBN No. 978-93-81350-92-8 (2017)
- **Published chapter** in a book "Bhartendu ke Natko me Aadhunika aur Uttar aadhunika ke sutra" in an edited book name "Natakkaar Bhartendu naye sandarbh: naye vimarsh" Editor Prof. Ramesh Gautam, published by Anany Prakashan. ISBN no. 978-93-85450-52-5 (2016)
- **Edited** a book "Bhartiya Kavyashastra" published by Akshar Prakashan. ISBN No. 978-93-85600-16-6 (2017)
- **Published article** " Hashiye ka Samaj aur hindi Kahani" in hindi magazine "Anbhay Sanch". ISSN No. 2321-2276 (2016)

### **Mr. Ashok Kumar Meena**

He presented the following paper:

- **Presented paper** "*Nyi Sadi Me Dalit Chetna Ka Swar Aur Hindi Upnyas*" in National Seminar organised by Jai Narayan Vyas Vishav Vidyalaya Jodhpur in February, 2017.

He has published the following books/articles:

- **Published book** "Dalit Natya Lekhan Aur Achutanand", published by Natraj Prakashan prakashan ISBN No. 978-93-86113-38-2 (2017)
- **Edited** a book 'Bhartiya Kavyashastra' published by Akshar Prakashan ISBN No. 978-93-

85600-16-6 (2017)

- **Published article** “*Dalit Chetna Aur Hindi Upnyas*” in hindi magazine 'Anbhaya Sancha'. ISSN No. 2321-2276 (2016)

### **Dr. Tarun**

He presented the following papers:

- **Presented paper** “*Samkalin Sandarbh aur Gandhi ka Pun Mulyankan*” in an International Conference on ‘Indian Mind and Societal Concerns : An Interdisciplinary Dialogue’ organized by Department of Psychology, Ramanujan College, University of Delhi, on 2<sup>nd</sup> – 3<sup>rd</sup> April, 2016.

He has published the following books/papers/chapters/articles:

- **Edited** a book titled ‘Hindi Kahani’ published by Natraj Prakashan, Delhi. ISBN: 978-93-86113-11-5 (2016)
- **Published article** “*Parimal Ki Goshtiyani Aur Malyaj*” for Hindi Magazine “Abhinav Kadam” edited by Jaiprakash Dhoomketu. ISSN: 2229-4767 (2016)
- **Published paper** “*Nehru Yug Ka Swapn aur Malyaj ka Mulyankan*” in virtual E-magazine sahchar.com. ISSN: 2395-2873 (2016)
- **Published chapter** “*Bhartiya Chintan Ka Vikas Aur Mahatma Gandhi*” in a book titled Vartman Paridrishya Aur Gandhi, Co-edited by Dr. Rama, Dr. Vijay Kumar Mishra, Dr. Mahendra Prajapati, Published by Samvad Media Pvt. Ltd., 2017. ISBN: 978-93-84280-28-4 (2017)

### **Dr. Parveen Bhardwaj**

- He has delivered a poem in poemseries in 'Shaheed Chandra Shekher Azad Smriti Manch (Regd.), in Delhi (2016)

He has published the following article:

- **Published article** “*Premchand ke upanyaso me vyaktee aur samaj*” in an edited book on different Adhunik upanyaskar published by Natraj Prakashan. ISBN no.978-93-86113-42-9 (2017)

## **DEPARTMENT OF HISTORY**

### **Dr. Khurshid Khan**

She has **attended** the following:

- **Attended** talk by Rajeev Kinra on – The Mysterious Career of the Most(ly) Modern Indo-Persian Philologist : The Life and legacy of Jamal al-Din Husain Inju of Shiraz ( d. 1629), at the Department of History, University of Delhi on 1<sup>st</sup> September, 2016

- **Attended 10<sup>th</sup> IESHR Annual Lecture** by Gareth Stedman Jones: From Post Capitalism to Anti-Capitalism: Karl Marx and the Extra European Worlds- at the Habitat Centre, on 12<sup>th</sup> February, 2016.
- **Attended** Public lecture by Dr. Ataullah Siddiqui: Common Ground for Theological Dialogue between Christians and Muslims, organized by **Inter-faith Coalition for Peace**, at Jangpura-B, Mathura road, New Delhi on 17<sup>th</sup> December, 2016.

### **Dr. Amarjiva Lochan**

He has been involved with the following **conferences/seminars/special lectures**:

- Went as part of the Indian Delegation to Chiangmai , Thailand for the National Research Council of Thailand (NRCT), Thailand and Indian Council of Social Science Research (ICSSR), India and also presented a paper on **Rare Manuscripts in Southeast Asia with special Reference to Thailand: Research, Scope and Future** (21-22 February 2017 )
- Delivered **special Lectures** for the **PhD Study Program** at the School of Asian Studies, UCC (National University of Ireland) (January 24-31, 2017)
- Presented paper entitled *Pandava and Draupadi in the Kakawin Poetic Expressions of Indonesia* at **1st International Conference on Ancient Indraprastha: Archaeology, History, Legacy, Significance & Development** organized by Draupadi Dream Trust, Supported by Ministry of Culture, National Museum, ICCR at National Museum, New Delhi( 22<sup>nd</sup>-23<sup>rd</sup> Nov 2016)
- Delivered Keynote Speech entitled *Indigenous Knowledge Systems and Practices: Rituals, Customs, Traditions and Healing Practices* at the Tiripon 2016 International Conference, September 27-29, 2016 organised by the National Commission on Culture and the Arts (NCCA) in collaboration with Quirino State University, Diffun, Quirino; Isabela State University, Echague, Isabela; and Cagayan State University, Tuguegarao City, Philippines
- Chaired and organised a session on *Religiosity and Spirituality as expressed by Water Related Art and Architecture in South and Southeast Asia* at the World Archaeological Congress (WAC-8), organised by Doshisha University, Kyoto Japan (28 Aug- 2 September, 2016)
- Presented a paper entitled **The Images and Symbolism of Makara in the Arts of Asia** at the World Archaeological Congress (WAC-8), Kyoto Japan (28 Aug-2 September, 2016)
- Delivered Plenary Address on *The Injunctions in the Indic Religions: Tools of Crisis Management for Environment and Education* at the Eighth International Meeting on Socio-Religious Studies, sponsored by the Department of Socio-Religious Studies (DESR) of the Center for Psychological and Sociological Research (CIPS), Havana, Cuba (July 12 to 15, 2016)

He has published the following papers/chapters/articles:

- He has **published** in 2016(Ed.) *India-ASEAN: Growing Opportunities for Thailand's New Economic Community* (with Sophana Srichampa) Bangkok: Centre for Bharat Studies, Research Inst. For Languages and Cultures of Asia (RILCA) Mahidol University (English & Thai) ISBN 978-616-279-869-6
- He has **published article in** 2016, *Classical Routes between India and Southeast Asia in India-ASEAN: Growing Opportunities for Thailand's New Economic Community* Bangkok: Centre for Bharat Studies, Research Inst. For Languages and Cultures of Asia (RILCA) Mahidol University (English & Thai) pp. 1-19 ISBN 978-616-279-869-6

He has received the following awards:

- Vidushi Vidyottama National Award for the Contribution to the Indology, Ujjain, India, 2016

### **Mr. Sarvjeet Yadav**

He has published the following:

- **Published paper** Yadav, Sarvjeet, "Forest and Land Ethics in the Jatakas" *Abhisechanam*, July-Dec, 2016, pp 9-13, Vol. 4:2 (ISSN: 2320-4184)
- **Published paper** Yadav, Sarvjeet, "Environmental Ethics and Ahimsa in the Jatakas" *Indraprastha Review*, July-Dec, 2016, pp 50-58 Vol. 3:2 (ISSN: 2394-563X)
- **Published paper** Yadav, Sarvjeet, "Ahimsa, Meat Eating and Environmental Ethics in the Jatakas" *Abhyudayah* July-Dec, 2016, pp 36-39 Vol. 5:2 (ISSN: 2320-4176)

## **DEPARTMENT OF MATHEMATICS**

### **Dr. Jeetendra Aggarwal**

He has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Lifestyle Disorders: Etiology, Awareness & Management*
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He has presented the following papers/posters:

- **Presented poster** on '*Analysis and Assessment of Body Fat Percentages and Quetelet's Index in Indian Undergraduate Students*' in Innovation conclave 2016, Nurturing research at UG level, organized by Acharya Narendra Dev College, University of Delhi, held from 25<sup>th</sup> -26<sup>th</sup> October, 2016.

He has published the following papers/chapters:

- **Published paper** on '*Assessment of correlation between Quetelet's Index and Body fat percentage in a group of Indian Undergraduate Student*' in the Delhi University Journal of Undergraduate Research and Innovation, Vol. 2(1) pp. 56-69, 2016.

He has received the following accolades:

- Received a **Certificate of appreciation** awarded to SHC-311 titled "Lifestyle disorders: Etiology, Awareness & Management" for being selected for research display by University of Delhi on November 19<sup>th</sup>, 2016.
- Received certificate for project with '**Most Significant Societal Impact**' at the Research Display at the Convention Centre, , on 19<sup>th</sup> November, 2016

### **Dr. Kumari Priyanka**

She has served as:

- **Expert for reviewing** the research papers of Journal of Applied Statistics, Hacettepe Journal of Mathematics and Statistics, Statistics in Transition–New Series, Mathematical Population Studies: An international journal of Mathematical Demography, Pakistan Journal of Statistics and Journal of Reliability and Statistical Studies.
- **Ph.D guide** of Ms. Richa Mittal [BRS(MS)/248/2014/380] (Registered).
- **Resource person** in DST sponsored INSPIRE Science Camp held at Shivaji College from December 14<sup>th</sup> -18<sup>th</sup>, 2016.
- **Project Investigator** of two UGC sponsored projects:  
Design and Analysis of sensitive characteristics on successive occasions and their applications MRP No. [EMR/2016/000455] funded by SERB, New Delhi  
Search of Good Rotation Patterns on Successive Occasions and its Applications [MRP No. [42-42/(2013)/SR] funded by UGC.

She has attended the following programmes:

- **Attended International Conference** on Applicable Analysis, organised by Saheed Bhagat Singh College, University of Delhi, New Delhi from 8<sup>th</sup>-10<sup>th</sup> February, 2016.
- **Attended Workshop** on Recent Development in Mathematics, at Kalindi College, New Delhi held from 12<sup>th</sup>-13<sup>th</sup> January, 2017.
- **Attended Refresher Course** in Mathematical Sciences, from 30<sup>th</sup> August - 19<sup>th</sup> September, 2016 at Centre for Professional Development in Higher Education, Delhi University.

She has published the following papers/ chapters:

- **Published paper:** Priyanka, K. and Mittal, R. (2016). A fresh Approach for Intercession of Non-Response in Multivariate Longitudinal Designs. *Communication in Statistics (Theory and Methods)* DOI: 10.1080/03610926.2016.1208240, 2016.
- **Published paper:** Priyanka, K. and Mittal, R. (2016). Searching Effective Rotation Patterns for Population Median using Exponential Type Estimators in Two-Occasion Rotation Sampling. *Communication in Statistics (Theory and Methods)* Vol. 45(18), pp. 3345-3360.
- **Published paper:** Priyanka, K. and Mittal, R. (2016). Longitudinal Analysis of Population Mean on Successive Occasions. *International Journal of Mathematics and Statistics*, Vol.17(2), pp.47-63.

### **Dr. Surbhi Madan**

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has gave the following lecture:

- **Delivered a Talk** at National Conference on Algebra, Analysis, Coding and Cryptography, organized by the Department of Mathematics, University of Delhi from 14<sup>th</sup>-15<sup>th</sup> October, 2016.

### **Mr. Ashish Kumar Jharwal**

He has attended the following programmes:

- **Attended workshop** on LaTeX and HTML organised by Dept. of Mathematics, Acharya Narendra Dev College, University of Delhi on 27<sup>th</sup> August, 2016.
- **Attended Instructional school for Teachers (IST)** on "Field Theory" held at University of Kashmir, Srinagar during 2<sup>nd</sup>-14<sup>th</sup> May, 2016.
- **Participated** in a UGC-Sponsored workshop on Innovative Teaching Methodologies and Use of ICT in Teaching organized by UGC-HRDC (Centre for Professional Development in Higher Education), University of Delhi, Delhi from 20<sup>th</sup>-26<sup>th</sup> October, 2016.
- **Participated in workshop** on Scientific Writing and Communication organized by ARSD College, University of Delhi under Star College scheme from 20<sup>th</sup>-21<sup>st</sup> February, 2017.

### **Dr. Shilpi Verma**

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has attended the following programmes:

- **Attended Symposium** on Mathematical Programming and Game Theory held from 9<sup>th</sup>-11<sup>th</sup> January, 2017 organised by Indian Statistical Institute Delhi Centre.

### **Mr. Jitender Singh**

He has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He has attended the following programmes:

- **Participated in workshop** on Scientific Writing and Communication organised by ARSD College, University of Delhi under Star College scheme from 20<sup>th</sup>-21<sup>st</sup> February, 2017.
- **Attended a one month Orientation Programme** Organized by Hrdc, Himachal Pradesh University, Shimla.

### **Dr. D. K. Yadav**

He has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He has published the following papers/chapters/books:

- **Published one e-Journal** "Exact Definition of Mathematics", International Research Journal of Mathematics, Engineering and IT, Vol. 4(1), pp. 34-42, January, 2017
- **Published book:** Yadav, D.K. 2016. A Study of Indefinite Nonintegrable Functions ISBN: 978-3659955532
- **Published book:** Yadav, D.K. 2016. Six Conjectures on Integration.

### **Dr. Aparna Jain**

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Dr. Mridula Budhraj**

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Mr. Manish Kumar Meena**

He has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Dr. Neetu Rani**

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She has attended the following programme:

- **Attended Refresher Course** in Mathematical Sciences, from 30<sup>th</sup> August - 19<sup>th</sup> September, 2016 at Centre for Professional Development in Higher Education, Delhi University.

### **Mr. Ankush**

He has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Mr. Satish**

He has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Ms. Moon Moon Roy**

She has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Mr. Ajay Kumar**

He has served as:

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Mr. Navnit Kumar Yadav**

He has served as:



- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

### **Mr. Uttam Kumar Sinha**

He has attended the following programme:

- **Attended Refresher Course** in Mathematical Sciences, from 30<sup>th</sup> August- 19<sup>th</sup> September, 2016 at Centre for Professional Development in Higher Education, Delhi University.

## **DEPARTMENT OF POLITICAL SCIENCES**

### **Dr. Bishnu Satapathy**

- He has **been awarded with Ph.D degree** by the Department of Political Science, University of Delhi at the Convocation Ceremony held on 19<sup>th</sup> November, 2016.
- **Invited as Subject Expert** by Madhya Pradesh Public Service Commission, Indore in Political Science for confidential work in SET CELL from 15<sup>th</sup> - 17<sup>th</sup> February, 2017.
- He has **delivered three lectures** on different topics such as ‘Concept of Nation, Country and State’; ‘Parliamentary Democracy: Parliamentary Vs. Presidential Debate’; and ‘State as Forum of arbitration of Interests (Individuals and Groups)’ to the 53<sup>rd</sup> batch of DANICS Probationers at the Directorate of Training: Union Territory Civil Services.

### **Dr. Malvika Singh**

She has published/presented the following books/papers:

- **Book Published:** “Agricultural Economy of India: Current Status and Issues”, 2017.
- **Presented paper:** National Conference on “Women and Development: Issues and Challenges”, Laxmibai College, University of Delhi, March 2017
- **Presented Paper:** in International Conference on “South Asia in Global Perspective: Issues and Challenges”, University of Delhi, February 2017.

She has participated in the following programmes:

- **Participated** in National seminar on “Linguistic Impact of Partition”, at Developing Countries Research Centre, University of Delhi, August 2016.
- **Participated** in University level seminar on “ Sports Mega events and Human Rights violation: Experiences from Brazil and South Africa”, March 2016.
- **Participated** in university level seminar on “ New Directions on Indian Ploity: The way forward, University of Delhi, Delhi, October 2016.

## **DEPARTMENT OF PHYSICS**

### **Dr. Manju Banerjee**

She has served as:

- **Convenor** of workshop “**Pratibimb**”, organized by Physics Dept., Shivaji College held on January 31, 2017.
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

She has published the following papers/chapters:

- **Published Paper** titled “Air pollution: Sources and Effects” as Conference proceedings of “National seminar on water and air quality in urban ecosystem” at Shivaji College held on March 22, 2016

### **Dr. A. K. Shukla**

He has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Dr. S. K. Yadav**

He has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Dr. Arun Vir Singh**

He has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Convenor** of “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Ms. Mamta Singh**

She has presented the following paper:

- **Presented Paper** at “Joint 13<sup>th</sup> Asia Pacific Physics Conference and 22<sup>nd</sup> Australian Institute of Physics Congress” at Brisbane Australia held during 4<sup>th</sup> -8<sup>th</sup> December, 2016.

She has published the following papers:

- **Published Paper:** Mamta Singh and D. N. Gupta.(2016). Laser-pulse compression in a collisional plasma under weak-relativistic ponderomotive nonlinearity. *Physics of Plasmas*. Vol. 23, 053119
- **Published Paper:** Mamta Singh, Krishna Gopal and D. N. Gupta.(2016). Temporally asymmetric laser pulse for magnetic-field generation in plasmas. *Physics Letter A*. Vol. 380(16), pp. 1437-1441

### **Ms. Bharti**

She participated in the following programme:

- **Attended Summer school** as part of faculty development program held at Jamia Millia Islamia University during 26<sup>th</sup> May – 15<sup>th</sup> June, 2016.

### **Dr. Sumit Kumar Rai**

He has served as:

- **Co-Investigator** in the Innovation Project "*Smart Switches: Make your life easy*" funded by University of Delhi
- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Dr. Debjani Banerjee**

She has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September

and 1st October, 2016

### **Dr. Nidhi Tyagi**

She has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She participated in the following programs:

- **Attended** Interdepartmental workshop “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016
- **Attended** National workshop “Nanotechnology: Emerging Frontiers & Applications” held at University of Delhi during 30<sup>th</sup> -31<sup>st</sup> January, 2017

She has published the following papers:

- **Published Paper:** Tyagi,N., Sinha,N., Yadav, H and Kumar,B. (2016). “Growth, crystal structure, Hirshfeld surface dielectric and mechanical properties of a new organic single crystal ‘Bis Glycine squarate’ ” in RSC Advances. Issue 29(6), pp. 24565-24576
- **Published Paper** Tyagi, N., Sinha, N., Yadav, H. and Kumar, B. (2016). “Growth, morphology structure and characterization of L histidinium di hydrogen arsenate ortho arsenic acid single crystal” in Act Crystallographica Section B. B72, pp.593-601

### **Dr. Neeti Goel**

She has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

She participated in the following programs:

- **Attended** Interdepartmental workshop “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Dr. S.S. Gaur**

He has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on

January 31, 2017

- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He participated in the following programs:

- **Attended** Interdepartmental workshop “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Mr. Ravindra Singh**

He has served as:

- **Member of the Departmental organizing** team of the workshop "**Pratibimb**" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He participated in the following programs:

- **Attended** Interdepartmental workshop “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

### **Mr. Vishal Chaudhary**

He has served as

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Content developer** in e-pg-pathshala.com initiative of Govt. of India

He has participated in the following programs:

- **Attended** Interdepartmental workshop “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016

He has presented the following papers/posters:

- **Presented Paper:** “Charge transport study of poly (aniline co-pyrrole) nanospheres based high performance sulphur dioxide chemiresistor” at the **DAAD** seminar on **Materials and Devices using Soft Matter: Current Status and Outlook** held at University of Delhi on 21<sup>st</sup> November, 2016

- **Presented Paper:** "Smart sensors based on nanostructured conducting polymers for monitoring hazardous gases" at the **International Science Fair 2016** at National Physical Laboratories (NPL), New Delhi during 9<sup>th</sup> -10<sup>th</sup> December, 2016
- **Presented Paper:** "Redox potential assisted sensing behavior of polyaniline nanofibres" at the National conference "POLY 2016" held at Jawaharlal Nehru University (JNU), New Delhi on 24<sup>th</sup> June, 2016
- **Presented Poster** "Polyaniline-Silver core-shell nanocomposite as an energy efficient rapid hydrazine chemiresistors" at the **NPL-RSC symposium on advanced materials for energy** held at National Physical Laboratories, New Delhi on 7<sup>th</sup> October, 2016
- **Presented Poster** "Smart sensors based on nanostructured polyaniline for monitoring sulphur dioxide" at International Science Fair 2016 held at National Physical Laboratories, New Delhi during 9<sup>th</sup>-10<sup>th</sup> December, 2016

He has published the following papers:

- **Published Paper:** Chaudhary, V. and Kaur, A. (2016). Surfactant directed polyaniline nanostructures for high performance sulphur dioxide chemiresistors: effect of morphologies, chemical structure and porosity. RSC Advances. Issue 98(6), pp.95349-95357
- **Published Paper:** Chaudhary, V., Singh, H.K. and Kaur, A. (2016). Effect of charge carrier transport on room temperature sulphur dioxide monitoring performance of highly porous polyaniline nanofibers. Polymer International. DOI: 10.1002/pi.5311

### **Mr. Gyanendra Pandey**

He has served as:

- **Member of the Departmental organizing** team of the workshop "**Pratibimb**" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016

He has participated in the following programs:

- **Attended** Interdepartmental workshop "Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*" organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016
- **Attended** 2<sup>nd</sup> International conference on "**Electrical Energy : Safety & Conservation**" held at Swami Shreddhanand College, DU during January 22-23, 2016

He has presented the following papers:

- **Presented paper** at International Conference on Nanomaterials and Nanotechnology held at Vinoba Bhave Research Institute, Allahabad from 1<sup>st</sup> -3<sup>rd</sup> March, 2017

He has published the following papers:

- **Published Paper:** Gyanendra K. Pandey, N. K. Pathak, R. Uma, R. P. Sharma (2017). “Study of Surface-Enhanced Raman Scattering of Plasmonic Coupled Biomolecule: Role of Multi-Layered Nanosphere. *Plasmonics*. doi: 10.1007/s11468-017-0502-8
- **Published Paper:** N. K. Pathak, H. R. Pathak, Gyanendra K. Pandey, R. P. Sharma (2016). Study of external quantum efficiency of plasmonic coupled bilayer active device: influence of layer thickness and nanoparticle filling factor. *Applied Physics A*. Vol. 122(12) pp. 1048
- **Published Paper:** Gyanendra K. Pandey, N. K. Pathak, Alok Ji, H. Pathak, R. P. Sharma (2016). Study of Surface Enhanced Raman Scattering of Single Molecule Adsorbed on the Surface of Metal Nanogeometries: Electrostatic Approach. *Plasmonics* doi:10.1007/s11468-016-0181-x
- **Published Paper:** H. Pathak, N. K. Pathak, Alok Ji, S. Roopak, Gyanendra K. Pandey, R. P. Sharma (2016). Broadband Scattering with Strong Electric Field Coupling Between Metal Nanostructures Using DDA Simulation: Role of Different Organic Environment. *Journal of Photo Voltaic Cell*. Vol. 6(4), pp.940-951

### **Dr. Priyanka Verma**

She has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **As content developer** for Solid State Physics in e-pg-pathshala.com initiative of Govt. of India.

She has participated in the following programs:

- **Attended** Interdepartmental workshop “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24th September and 1st October, 2016
- **Attended** National workshop on “**Analysis, Differential, equations and Applications**”, held at Mohanlal Sukhadia University, Udaipur during February 25-27, 2016.

She has published the following paper:

- **Published Paper:** Verma, P., Bhattacharjee, A. B. and Man Mohan (2016). Chaos in dynamical Bose-Einstein condensate” in JCBPSC, Section C: Physical Sciences, Vol. 6(2), pp.504-514

### **Ms. Divya Deep Yadav**

She has served as:

- **Member** of the Departmental organizing team of the workshop "Pratibimb" held on January 31, 2017

### **Ms. Preetika Dhawan**

She has served as:

- **Member** of the departmental organizing team of the workshop "Pratibimb" held on January 31, 2017
- Accompanied the students of B.Sc (H) Physics and participated in the National Science Day activities at Inter University Accelerator Center (IUAC), New Delhi on 28<sup>th</sup> February, 2017

### **Mr. Saurabh Kunj**

He has served as:

- **Member** of the departmental organizing team of the workshop "Pratibimb" held on January 31, 2017

He has participated in the following programme:

- **Attended a** National workshop "Physical Property Measurement System (PPMS) and its Applications" held at Jawaharlal Nehru University on 28<sup>th</sup> September, 2016

He has published the following papers:

- **Published Paper:** Kunj, S. and Sreenivas K. (2016). Residual stress and defect content in magnetron sputtered ZnO films grown on unheated glass substrates, Current. Applied Physics. Vol. 16(7) pp. 748
- **Published Paper:** Kunj, S. and Sreenivas K. (2016). Defect free C-axis oriented zinc oxide (ZnO) films grown at room temperature using RF magnetron sputtering in AIP conference proceedings. Vol. 1731, pp.080048
- **Published Paper:** Kunj, S. and Sreenivas K. (2016). Near band Edge emission characteristics of sputtered nano-crystalline ZnO films" in AIP conference proceedings. Vol. 1728, pp. 020520

## **DEPARTMENT OF SANSKRIT**

### **Dr. Sukhram**

He has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Inventory and prospect of water conversation in western Rajasthan*



He has presented/published the following papers:

- **Published papers:** “Karm Karta ki Bhashik Avdharna” ISSN: 0976-8017 and “Rishsi dyanand ki ved vyakhya paddhati” ISSN: 2229-6320
- **Presented paper:** “Pandit Madhusudan Ojha Virchit Varnsamiksha me matrika Vivechan” organized by Sanskar Bharti PG College Jaipur on 16<sup>th</sup> -17<sup>th</sup> , September 2016
- **Presented paper:** “Aarnyako me Kratuvigyan” Organised by Gurukul Prabhat Ashram Meerut U.P 14.01.2017

He has attended the following programmes:

- **Attended** Summer School, HRDC JNVU Jodhpur, 10<sup>th</sup> -27<sup>th</sup> June, 2016
- **Attended** Workshop on “Pedagogical skills” Hansraj College Delhi University, on 18<sup>th</sup> February, 2017

He has edited the following book:

- **Book edited:** Nyaya Sutr, ISBN-978-817110-563-4, Parimal publication, Delhi. 2016

## DEPARTMENT OF ZOOLOGY

### Dr. Sunita Gupta

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Amelioration of air quality in urban ecosystem of Delhi: role of avenue trees and use of birds as bio monitors*

She has attended the following programmes:

- **Attended workshop** on “Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016)”, organized by Department of Botany and Zoology, Shivaji College in collaboration with Department of Environmental Studies, North Campus, University of Delhi on 23<sup>rd</sup> June, 2016 at Department of Environmental Studies, North Campus, University Of Delhi.
- **Attended** International Conference & Outreach Programme on Environment & Ecology: Sustainability and Challenges from 4<sup>th</sup>-6<sup>th</sup> January 2017.

She has presented the following papers/posters:

- **Presented poster** Kumar, V., Jolli, V., & Gupta, S., Tyagi, S., Mathan, A., Arunender, Kumar. M., Bhawna., Kumari, S., Kumari, A., Garhwal, M., Hitakshi. and Gupta, S.(2016). “Can We Use Birds As An Ecological Indicator of Sustainable Cities”? at the National Seminar on Water and Air Quality in Urban Ecosystem on 22<sup>nd</sup> March, 2016, Eco Club Shivaji College (University of Delhi), Delhi, India. (Awarded the Best Poster Award under Ecological Indicator, Category).

- **Oral Presentation:** Gupta, S. and Kulshreshtha, P. “3-D Bioprinting, a Science of new possibilities and new cures, at *International Conference on Recent Research in Biomedical Engineering, Cancer Biology, Stem Cells, Bioinformatics and Applied Biotechnology (BECBAB-2017)* held at Jawaharlal Nehru University, New Delhi, on 25<sup>th</sup> February, 2017

She has received the following accolade:

- **Awarded the Best Poster Award under Ecological Indicator, Category** Kumar, V., Jolli, V., & Gupta, S., Tyagi, S., Mathan, A., Arunender, Kumar. M., Bhawna, Kumari, S., Kumari, A., Garhwal, M., Hitakshi. and Gupta, S. (2016). “Can We Use Birds As An Ecological Indicator of Sustainable Cities”? at the National Seminar on Water and Air Quality in Urban Ecosystem on 22<sup>nd</sup> March, 2016, Eco Club Shivaji College (University of Delhi), Delhi, India.

### Dr. Deepika Yadav

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption*
- **Convener** of the Workshop on Environmental Pollution and Health in Urban Ecosystems (EPHUE-2016) held at Department of Environmental Studies, North Campus, New Delhi, on 23<sup>rd</sup> June 2016.
- **Convener and Resource person** for “Sharing Science Rising Together”, an Interdisciplinary Workshop for Science Faculty organized by Shivaji College on 24<sup>th</sup> September and 1<sup>st</sup> October 2016.
- **Departmental Convener & Resource person** in INSPIRE Camp held at Shivaji College from 14-18<sup>th</sup> December, 2016.

She has attended the following programmes:

- **Attended Seminar** on “Need of animals as teaching tools”, at Department of Zoology, University of Delhi on 30<sup>th</sup> June 2016.
- **Attended Workshop** on Solid Waste Management: Reinvention, Opportunities and Way Ahead organized by CSE at Indian Habitat Centre, on 12<sup>th</sup> July 2016.
- **Participated in a Workshop** on Faculty Training Program in Research Project Management: Proposal to Publication and beyond (FTP-RPM) held at Academic Research Centre, Delhi University on 19<sup>th</sup> July, 2016.
- **Attended Advanced Certificate course** of Cleveland Clinic in Diabetes 2016 at New Delhi from 20<sup>th</sup> -21<sup>st</sup> August, 2016.
- **Attended symposium** “Art of Grant Writing”, organized by Department of Zoology, Miranda House under DBT Star College Scheme from 5-6<sup>th</sup> January, 2017.
- **Restructuring of Syllabus** B. Sc. (Honors) Zoology VI Semester Evolutionary Biology

Practical restructuring (ZOHP 610) held at Department of Zoology on 10<sup>th</sup> January, 2017.

- **Accompanied** science students for a visit to IGIB, New Delhi (2016-2017).

She has presented the following papers/posters:

- **Presented poster** in Research display for the project “A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption” at the Convocation Ceremony on 19<sup>th</sup> November, 2016.
- **Presented paper:** ‘Balloon Sinuplasty: A New Tool in the Armamentarium’ at the International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness (Public Health :2016)

She has received the following accolades:

- **Awarded** the ‘Certificate of Most Significant Societal Impact’ for Innovation project “A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption” during the Research Display at the Convocation Ceremony on 19<sup>th</sup> November 2016.

### **Ms. Nimita Kant**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A Dried Blood Spot collection study for detection of Brucellosis in Bovine Population of Indian villages: an ELISA based system specific to Omp25 and Omp28 proteins of Brucella abortus*
- **Resource person** in INSPIRE Camp held at Shivaji College from 14-18<sup>th</sup> December, 2016.
- **Resource person** for “Sharing Science Rising Together”, an Interdisciplinary Workshop for Science Faculty organized by Shivaji College on 24<sup>th</sup> September and 1<sup>st</sup> October 2016.

She has attended the following programmes:

- **Attended** ISMPOCON-2016, Annual Conference of Indian Society of Medical & Paediatric Oncology, held at New Delhi from 5<sup>th</sup>-6<sup>th</sup> November 2016.
- **Attended Workshop** on Environmental Pollution and Health In Urban Ecosystems (EPHUE-2016), held at Department of Environmental Studies, North Campus, New Delhi, on 23<sup>rd</sup> June 2016.

She has presented the following poster:

- **Presented poster** “A study to identify habits of cattle keepers that lead to spread of infection and the prevalence of *Brucella*-specific antibodies among the buffalo population of Delhi.” in BRUCELLOSIS 2016, International Research Conference, National Agricultural Science Center, New Delhi, from 17<sup>th</sup> -19<sup>th</sup> November, 2016.

### **Dr. Aeshna Nigam**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Comparative Analysis of Heavy Metal Toxicity and Pesticide Contamination in vegetables collected from local sites and organic stores in Delhi*
- **Resource person** in “Workshop for the Laboratory Staff of Chemical and Life Sciences” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College” organised on 24th September and 1st October, 2016
- **Organised Workshop** ‘Kisan Jagrukta Karyashala’ in Najafgarh area on 28<sup>th</sup> September, 2016 to create awareness among farmers and educate them about use of pesticides.

She has presented the following papers/posters:

- **Presented Poster** “Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi” during the Research Display at the Convocation Ceremony, University of Delhi on 19<sup>th</sup> November, 2016.
- **Presented Poster** “From Health to Disease: Effect of Lifestyle Choices and Environment on Reproductive Health” at 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness (Public Health: 2016) organized by Krishi Sanskriti in Jawaharlal Nehru University, on 21<sup>st</sup> May, 2016.
- **Presented Paper** “Effect of heavy metals on Reproductive health of Women: Health Alarm!” in International Conference on ‘Science and arts of Holistic Health’ in Jawaharlal Nehru University on 25<sup>th</sup> February, 2017.
- **Presented two posters** in innovation conclave held on 25<sup>th</sup> -26<sup>th</sup> October 2016 at ANDC College, University of Delhi.
  - “Vegetables grown in Delhi and NCR regions are intoxicated with pesticides”
  - “Heavy metal toxicity in the vegetables grown in Delhi and NCR regions”

She received the following accolades:

- Received **Certificate of Appreciation** awarded to project ‘Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi’ for being selected for research display the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016
- Received **Certificate** for project with **Most Significant Societal Impact** during Research Display at the Convention Centre, University of Delhi on 19<sup>th</sup> November, 2016

**Dr. Jitendra K. Chaudhary**

He has served as:

- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “*Sharing Science, Rising Together - An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016
- **Accompanied** science students for a visit to Institute of Genomics and Integrative Biology, New Delhi and Regional Centre of Biotechnology, Gurugram (2016-2017).

He has attended the following programme:

- **Attended a meeting** for structuring of Skill Enhancement Paper (CBCS)- IV Semester Research Methodology Practical.

He has presented the following papers/posters:

- **Presented a paper** “*Role of Stem Cells in Geriatrics*” in Indian Aging Congress” held at AIIMS, New Delhi from 9<sup>th</sup>-11<sup>th</sup> November 2016.

He has published the following papers/chapters:

- **Published chapter** “*Crucial issues concerning India’s academic and educational institutions: challenges and way forward*” in Shivraj: Shivaji College’s Annual Magazine; 7<sup>th</sup> April 2016.
- **Published paper:** Chaudhary PK and Chaudhary JK (2016). Generation of Induced Pluripotent Stem Cells (iPSCs) through Cellular Reprogramming. *International Journal of Life Sciences*. 2016; 4(2), 289-292; ISSN: 2320-7817.
- **Published paper:** Chaudhary JK and Rath PC 2016. Role of Stem Cells in Geriatrics. *Journal of the Indian Academy of Geriatrics* (Conference Issue). Page 94, Vol.12, No.3, Sept 2016; ISSN 0974-3405.
- **Reviewed articles** in *International Journal of Life Sciences* and a conference issue in *Journal of the Indian Academy of Geriatrics*.

## **Dr. Parul Kulshrestha**

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A Dried Blood Spot collection study for detection of Brucellosis in Bovine Population of Indian villages: an ELISA based system specific to Omp25 and Omp28 proteins of Brucella abortus*
- **Resource person** in INSPIRE Camp held at Shivaji College from 14-18<sup>th</sup> December, 2016.

- **Resource person** for “Sharing Science Rising Together”, an Interdisciplinary Workshop for Science Faculty organized by Shivaji College on 24<sup>th</sup> September and 1<sup>st</sup> October 2016.
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

She has presented the following papers/posters:

- **Presented paper** at an International Conference on Recent Research in Biomedical Engineering, Cancer Biology, Stem Cells, Bioinformatics and Applied Biotechnology (BECBAB-2017) held at Jawaharlal Nehru University, New Delhi, on 25<sup>th</sup> February, 2017.
- **Presented poster** in BRUCELLOSIS 2016, International Research Conference, National Agricultural Science Center, New Delhi, from 17<sup>th</sup>-19<sup>th</sup> November 2016.
- **Oral Presentation:** Gupta, S. and Kulshreshtha, P. “3-D Bioprinting, a Science of new possibilities and new cures, at *International Conference on Recent Research in Biomedical Engineering, Cancer Biology, Stem Cells, Bioinformatics and Applied Biotechnology (BECBAB-2017)* held at Jawaharlal Nehru University, New Delhi, on 25<sup>th</sup> February, 2017
- **Presented poster:** Brucellosis 2016, International Research Conference, including the 69<sup>th</sup> Annual Brucellosis Research Meeting, organized by DBT on November 17-19, 2016, ‘*A study to identify habits of cattle keepers that lead to spread of infection and the prevalence of Brucella-specific antibodies among the Buffalo population of Delhi.*

## Dr. Ankita Dua

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *Lifestyle Disorders: Etiology, Awareness & Management*
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016
- **Resource person** in INSPIRE Science Camp, organized by Shivaji College, funded by the Department of Science and Technology, 14<sup>th</sup>-18<sup>th</sup> December, 2016
- **Resource Person** in “Sharing Science, Rising Together - *An Interdisciplinary Workshop for the Faculty of Science Departments of Shivaji College*” organised on 24<sup>th</sup> September and 1<sup>st</sup> October, 2016

She has presented/published the following papers/posters:

- **Presented Poster** “From Health to Disease: Effect of Lifestyle Choices and Environment on Reproductive Health” at 2<sup>nd</sup> International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness (Public Health: 2016) organized by Krishi Sanskriti in Jawaharlal Nehru University, on 21<sup>st</sup> May, 2016.
- **Presented Poster** on “*Lifestyle disorders: Etiology, Awareness & Management*” in research display at the convocation ceremony, 2016, Organized by University of Delhi on

19th November, 2016

- **Presented Poster** on “*Analysis and assessment of body fat percentage and Quetelet’s Index in Indian undergraduate students*” at the Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi , held on 25th -26th October, 2016
- **Published paper:** Malik, D., Thakur, J., Aggarwal, J., Dua, A., Nijhawan, S., Kumar, A., Kaur, K., Aggarwal, H., Mehta, D., Verma, R., Subhasis, Bhardwaj, S., Singh, A., Akshay, G.M. and Yadav, M. (2016). Assessment of correlation between Quetelet’s Index and Body fat percentage in a group of Indian Undergraduate students. The DU Journal of Undergraduate Research and Innovation, 2(1) pp56-69
- **Published paper:** Malik, D., Thakur, J., Dua, A. and Aggarwal, J. (2017) “Estimation of blood glucose, serum calcium and blood pressure as measures of risks of Lifestyle disorders in young adults”, Conference proceedings of 4<sup>th</sup> International Conference on Science and Arts of Holistic Health: Issues, challenges, opportunities, prevention, awareness (Holistic Health: 2017) held at Jawaharlal Nehru University, New Delhi, on 25<sup>th</sup> February, 2017.

She has received the following accolades:

- Received **Certificate of appreciation** for project titled “Lifestyle disorders: Etiology, Awareness & Management” for being selected for research display at the Convention Centre, by University of Delhi on 19<sup>th</sup> November, 2016.
- Received certificate for project with ‘**Most Significant Societal Impact**’ at the Research Display at the Convention Centre, , on 19<sup>th</sup> November, 2016

### Dr. Rashmi Singh

She has served as:

- **Project Investigator** of University Innovation Project (Session 2016-17): *A Dried Blood Spot collection study for detection of Brucellosis in Bovine Population of Indian villages: an ELISA based system specific to Omp25 and Omp28 proteins of Brucella abortus*
- **Resource person** in INSPIRE Camp held at Shivaji College from 14-18<sup>th</sup> December, 2016.
- **Resource person** for “Sharing Science Rising Together”, an Interdisciplinary Workshop for Science Faculty organized by Shivaji College on 24<sup>th</sup> September and 1<sup>st</sup> October 2016.
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3rd June, 2016

She has presented the following poster:

- **Presented poster:** Brucellosis 2016, International Research Conference, including the 69<sup>th</sup> Annual Brucellosis Research Meeting, organized by DBT on November 17-19, 2016, ‘*A study to identify habits of cattle keepers that lead to spread of infection and the prevalence of Brucella-specific antibodies among the Buffalo population of Delhi.*

### Mr. Anil Kumar Meena

He has served as:

- **Resource person** in INSPIRE Camp held at Shivaji College from 14-18<sup>th</sup> December, 2016.
- **Resource person** for “Sharing Science Rising Together”, an Interdisciplinary Workshop for Science Faculty organized by Shivaji College on 24<sup>th</sup> September and 1<sup>st</sup> October 2016.
- **Resource person** in “*Workshop for the Laboratory Staff of Chemical and Life Sciences*” organised from 31<sup>st</sup> May - 3<sup>rd</sup> June, 2016
- **Accompanied** science students for a visit to Regional Centre of Biotechnology, Gurugram (2016-2017).

### **Dr. Neetu Singh**

She has served as:

- **Resource person** in INSPIRE Camp held at Shivaji College from 14-18<sup>th</sup> December, 2016.

She has attended the following programmes:

- **Attended a National Workshop** on “Drug Discovery Technology- Computational Approaches in Drug Discovery & Design”, organized by Department of Biomedical Sciences in collaboration with Bio Discovery Group, India at Shaheed Rajguru College of Applied Sciences for Women, New Delhi from 12-13 January 2017.
- **Participated** in “Sharing Science, Rising Together”, an Interdisciplinary Workshop for Science Faculty organized by Shivaji College, University of Delhi, on 24<sup>th</sup> September and 1<sup>st</sup> October 2016.

### **Ms. Rashmi Kumari**

She has published the following paper:

- **Published paper:** Singh, P., †Kumari, R., Nayyar, N. and Lal, R. (2017). *Pontibacter aurantiacus* sp. nov. isolated from hexachlorocyclohexane (HCH) contaminated soil. *Int J Syst Evol Microbiol.* doi: [10.1099/ijsem.0.001833](https://doi.org/10.1099/ijsem.0.001833).



## ACTIVITIES OF COMMITTEES

### NATIONAL CADET CORPS (NCC)

| Name of activity  | Date   | Comments  |
|---|--|---|
| Swachhata Pakhwada  | 29 <sup>th</sup> – 30 <sup>th</sup> August, 2016 | NCC cadets participated in Swachhata Pakhwada with the aim to clean the College and nearby places.  |
| Slogan Writing Competition (Topic: National Integration)      | 5 <sup>th</sup> November, 2016                   | NCC cadets and College students participated in the competition.  |
| Cashless Transaction Training Under Vittiya Saksharta Abhiyan | 3 <sup>rd</sup> January, 2016                    | A training session on cashless transactions was organised for NCC cadets. Thereafter, cadets went to nearby market to aware shopkeepers and customers about digital transaction & cashless economy. |

No. of students participated in NCC events:

International level - 01

National level - 23

1. Republic day Camp (RDC) - 01 Cadet.
2. Thalsanik Camp (TSC) - 03 Cadets.
3. Advance Leadership Camp (ALC) - 05 Cadets.
4. National Integration Camp (NIC) - 11 Cadets.
5. Trekking - 02 Cadets.
6. Indian Military Academy Attachment - 01 Cadet

State level - 66

1. CATC Camp - 61 Cadets
2. Parasailing Camp - 03 Cadets
3. Para slithering - 02 Cadets

Names of awards won by students in various NCC events:

National level

1. All India NCC Republic Day contingent at Rajpath

## 2. Best Cadet - NIC Camp

State level

## 1. Best Squad Drill Award in CATC

**NATIONAL SERVICE SCHEME (NSS):**

The **National Service Scheme** (NSS) is an Indian government-sponsored public service program conducted by the Department of Youth Affairs and Sports of the Government of India. Popularly known as NSS, the scheme was launched in Gandhiji's Centenary year, 1969.

The motto or watchword of the National Service Scheme is: "NOT ME BUT YOU". This reflects the essence of democratic living and upholds the need for selfless service and appreciation of the other person's point of view and also to show consideration for fellow human beings. It underlines that the welfare of an individual is ultimately dependent on the welfare of society on the whole. Therefore, it should be the aim of NSS to demonstrate this motto in its day-to-day programme.

Various activities were organised throughout the session. The details of which are provided below:

| Name of the activity        | Date                          | Comments  |
|-----------------------------|-------------------------------|---|
| Yoga day                    | 21 <sup>st</sup> June, 2016   | Many students along with teachers came and learnt the basics of thrilling, exciting, deep and ancient Indian Science -The Science of Yoga, on the occasion of the 2 <sup>nd</sup> International Yoga Day, on 21 <sup>st</sup> June, 8 a.m. in Shivaji College lawns. All participants performed yoga with full dedication and concentration. It was a 2 hours activity at the end of which participants were given healthy refreshments (a glass of milk and 2 bananas each).   |
| Traffic Awareness Programme | 20 <sup>th</sup> August, 2016 | A Traffic Awareness Programme was held in College in coordination with Delhi Traffic Police. The traffic police personnel taught our students about the traffic rules to ensure safety on roads. After the presentation, about 90 NSS Volunteers along with teachers interacted with commuters on different red lights. They told them about the rules that the people were found violating.<br>The programme was a success and students gained a lot by it. Special thanks to Traffic Police West for their cooperation. |

|   |  |   |
|---|--|---|
| Cleanliness Campaign (Swachhta Pakhwara)            | 29 <sup>th</sup> - 30 <sup>th</sup> August, 2016 | Volunteers of NSS, Shivaji College organized Cleanliness campaign on 29 <sup>th</sup> - 30 <sup>th</sup> August, 2016. This campaign was made successful under the guidance of all our teachers. Our volunteers cleaned the footpaths and walls around the College. They were provided with proper equipments such as hand gloves, face masks, etc. to maintain their hygiene level. All the garbage was collected in garbage bags and was thrown in dustbins. The main aim of the campaign was to do our bit in keeping with the vision of our Prime Minister “Swachh Bharat” and also to generate awareness regarding the same. |
| Niswarth Seva Diwas (Ill-effects of Drug Addiction) | 22 <sup>nd</sup> September, 2016                 | The NSS Unit of Shivaji College held a campaign against Drug Addiction. The programme was started by discussing the habits of alcoholism and smoking among the youth, after which around 90 NSS volunteers walked towards the slum area of Raghbir Nagar. The zealous team of our students and teachers interacted with the people of Raghbir Nagar. Many people admitted about the consumption of drugs. The students taught them about the harm caused by the consumption of drugs on family, society and children.   |
| Cleanliness Drive and Awareness                     | 21 <sup>st</sup> October, 2016                   | The NSS volunteers along with volunteers of Leaders For Tomorrow organised a rally from Shivaji College to Raghbir Nagar. Around 70 volunteers cleaned the roads of Raghbir Nagar and imparted the information about importance of clean surroundings. Volunteers and teachers interacted with the residents of Raghbir Nagar. The residents were asked about their problems and given all the possible solutions to tackle them.   |
| Online Campaign against Pollution                   | 2 <sup>nd</sup> November, 2016 till date.        | On 2 <sup>nd</sup> November, 2016, NSS team of Shivaji College took advantage of social media as a medium to mobilize people for a cause. Issues like air pollution and corruption were taken up. Twice a week, photos with captions are uploaded on the facebook page of NSS-Shivaji College. These posts are shared by over 100 volunteers of NSS. This campaign was taken up not only to spread awareness to the people but also explain the drastic effects it has on everybody. This campaign was started on 2 <sup>nd</sup> November, 2016 and is being carried forward till date.  |

|   |  |   |
|---|--|---|
| Blood Donation Camp                               | 8 <sup>th</sup> November, 2016                             | On 8 <sup>th</sup> November, 2016 voluntary blood donation camp was organized in collaboration with Rotary Club at Shivaji College. Students of the College (including NSS volunteers) and faculty members came forward in large numbers and donated blood. Around 60 volunteers were part of this campaign. Volunteers stood for a noble cause which saves lives of many.  |
| Workshop on 'Promoting Intergenerational Bonding' | 10 <sup>th</sup> January, 2017                             | On 10 <sup>th</sup> January, 2017 there was a workshop on "Promoting Intergenerational Bonding" by the NSS team of Shivaji College in the College auditorium. It was organised by AIWEFA (All India Women's Education Fund Association). The Moral speech delivered by the people of AIWEFA was very impressive & inspiring. Best part of this event was that videos were shown to the students about their behaviour towards their elders. Students thoroughly enjoyed it and learnt a lot from it. In the last hour of this workshop, a representative from AIWEFA gave a moral lecture and involved the audience in interesting activities. The workshop ended with a pledge taken by students regarding everyone's good behavior towards their elders.  |
| PEHAL: Ek Prayaas (Education Campaign)            | 18 <sup>th</sup> January - 20 <sup>th</sup> February, 2017 | PEHAL: Ek Prayaas is a "pehal" taken by our NSS volunteers. It was an education drive in which volunteers devoted two hours daily for providing better quality education to under-privileged children of Raghbir Nagar (slum area). The children came to Shivaji College in two slots (morning and evening). The students came five days a week and were taught Science, Maths, English, Hindi, Social Science, G. K. with extra-curricular activities also. The intention of NSS is to enrich the experience of these under-privileged children and develop spirit towards education.<br>Refreshments were provided after every session, which included rice, biscuits, fruits and chocolates. The campaign was part of the NSS festival and ended on the day of the festival.<br>The zealous volunteers of NSS worked with kids with full dedication. |

|  |                                 |  |
|--|---------------------------------|--|
| Cancer Awareness Programme   | 20 <sup>th</sup> January, 2017  | A Cancer awareness programme was organised by NSS volunteers in Shivaji College auditorium. Just as cancer affects everyone in different ways, all people have the power to take various actions to reduce the impact that cancer has on individuals, families and communities. Volunteers gave their presentation on the causes, impacts and after-effects of cancer. NSS convenor talked to students about how tobacco is harmful to the human body and convinced students to further propagate the learnings of the day so that more people are aware.  |
| Nishkaam Health Camp<br>Book Distribution<br>Langar for kids from Raghbir Nagar<br>Entertainment packed show for the kids (dance & skit) | 20 <sup>th</sup> February, 2017 | 20 <sup>th</sup> of February marked its importance as NISHKAAM, festival of NSS Shivaji College, ended with a huge success. The day of festival brought the exuberance in volunteers as well as the teachers who worked hard to make the event a success. This event would never have been successful if our volunteers didn't join their hands. They worked in teams and showcased their talents with their beautiful moves of dance as well as with their thoughtful play. The decoration team also worked very hard to decorate the College on the occasion. NSS Shivaji College is proud to have these volunteers. Children of Raghbir Nagar participated in different competitions like race, dance and drawing and stole away the show, with their cute expressions and zeal to win. Parallel on the day of festival, health and hygiene campaign was organised by Lions International Club Delhi. Dentists medically examined all the kids of Raghbir Nagar and NSS volunteers. Two PPTs by NSS volunteers also discussed about daily hygiene and ill-effects of unhygienic living conditions. At the end of the event Langar was organised and volunteers happily served the kids. |

Two volunteers of NSS-Shivaji College attended two different National Events: **Youth Parliament**, *Uttar Bharatiya Chhatra Sansad* from 17<sup>th</sup> - 19<sup>th</sup> October, 2016 held at Lovely Professional University, Jalandhar; **21<sup>st</sup> National Youth Festival**, *Suvichar and National Youth Convention*, on 13<sup>th</sup> - 14<sup>th</sup> January, 2017 at Rohtak (Haryana).

## **CULTURAL COMMITTEE AND THE SOCIETIES UNDER ITS AEGIS:**

The Cultural Committee organised several programmes in the College for the staff and students.

- An **Orientation Programme** was organised on 20<sup>th</sup> July, 2016 to smoothen the process of induction of the freshers in the College by disseminating all kinds of information useful for them and counselling them. The wards of the students were present in a sizeable number and the programme culminated with music and theatre performances.
- The **Independence Day** celebrations were held on 23<sup>rd</sup> August, 2016 with music and dance renditions and at the stroke of 11.00 a.m. The National Anthem was sung collectively along with the other institutions of the University.
- Two programmes of dance and music were organised in collaboration with **SPIC MACAY** on 18<sup>th</sup> October, 2016. Dr. Deepti Om chery Bhalla performed Mohiniattam and Janab Hasnain Nizami and his troupe sang qawwalis.
- The Annual Cultural Festival **VIBRATIONS 2017** was organised on 9<sup>th</sup> - 10<sup>th</sup> February, 2017. Twelve competitive events were organised by the seven cultural societies in which dozens of teams from various universities participated. The festival reverberated with Sufi music by **Shri Dhruv Sangari** in the Inauguration, Qareeb Band's medleys on first evening and **Ms. Shalmali Kholgade's** performance in the grand finale.
- Shutterbugs, Dictum, and Vibgyor held competitive events in the course of the year as well, on 26<sup>th</sup> September, 2016, 22<sup>nd</sup> - 24<sup>th</sup> October, 2016 and 16<sup>th</sup> January, 2017, respectively. The **Bedi Brothers, Naresh and Rajesh**, graced the College premises and enthralled the audience with their experiences. Ms. Navneet Kaur conducted a workshop.

Students of all the societies have been on a winning spree in numerous intra and inter- state competitive events.

**BIZARRE: The Fashion Society** organized 'Panache' (The Fashion Show) in **VIBRATIONS 2017** on 9<sup>th</sup> February, 2017.

No. of students who participated during the academic session 2016-17:

- National level - 16
- State level - 16

No. of awards won by the students:

- National level - 2
- State level - 3

**DICTUM: the Debating Society**

No. of events/activities organized during the session 2016-17: 2

| Name of event/activity              | Date  | Comments   |
|-------------------------------------|---|--|
| Shivaji Bhosle Parliamentary Debate | 22 <sup>nd</sup> – 24 <sup>th</sup> October, 2016 | National Level Hindi Parliamentary Debate  |
| Athena                              | 10 <sup>th</sup> January, 2017                    | The Bilingual Turncoat Debate in annual cultural fest of Shivaji College, <b>VIBRATIONS 2017</b> |

At National level, 23 Students participated in more than 50 debate competitions held in different Colleges of the University of Delhi and won 28 prizes.

**FOOTLOOSE: The Dance Society** organized Tanzflache (Group dance competition) in **VIBRATIONS 2017** on 9<sup>th</sup> February, 2017.

No. of students who participated during the academic session 2016-17:

- National level- 17
- State level-17

No. of awards won by the students:

- National level- 4
- State level- 6

**REVERB: The Music Society** organized Swaranjali (Group singing competition) in **VIBRATIONS 2017** on 9<sup>th</sup> February, 2017. Apart from this, the cultural society made performances on:-

1. Orientation Day
2. Independence Day
3. Inspire Science Camp

No. of students who participated during the academic session 2016-17:

- State level - 7

No. of awards won by the students

- State Level - 1

### **SHUTTERBUGS: The Photography Society**

No. of events/activities organized: 2

| Name of event/activity | Date                             | Comments   |
|------------------------|----------------------------------|--|
| Cinedrome              | 26 <sup>th</sup> September, 2016 | Online photography competition, Film making competition, on-the-spot photography competition |

|         |   |   |
|---------|---|---|
| Tasveer | 9 <sup>th</sup> – 10 <sup>th</sup> February, 2017 | Foto - finish (online photography competition), Shoot-a-thon (on the spot photography competition) in annual cultural fest of Shivaji College, <b>VIBRATIONS 2017</b> . |
|---------|---|---|

No. of students who participated during the academic session 2016-17:

- International level - 1
- National level - 8
- State level - 24

No. of awards won by the students:

- National level - 2
- State level - 11

**VAYAM: The Theatre Society** organized Udghosh ‘17 Nukkad in **VIBRATIONS 2017** on 10<sup>th</sup> February, 2017. The theatre society of Shivaji College performed in Thespo ‘18 at Prithvi Theatre and was selected amongst the top 5 plays from 158 plays in the country.

No. of students who participated during the academic session 2016-17:

- International Level - 12
- National Level - 40
- State Level - 42

No. of awards won by the Students:

- International Level - 1
- National Level - 2
- State Level – 8

**VIBGYOR: The Fine Arts Society** has received **27** prizes till now in the session 2016-17 in various Colleges of University of Delhi.

No. of events/activities organized: 4

| Name of event/activity        | Date                           | Comments   |
|-------------------------------|--------------------------------|--|
| Independence Day Celebrations | 19 <sup>th</sup> August, 2016  | Poster making competition  |
| Spic Macay                    | 18 <sup>th</sup> October, 2016 | Vibgyor participated in <b>SPIC MACAY</b> organised by Shivaji College through College decorations and Rangoli making. |



|           |   |   |
|-----------|---|---|
| Acrylica  | 16 <sup>th</sup> January, 2017                    | Workshop cum exhibition conducted by professional artist NAVNEET KAUR who taught different techniques of acrylic painting.  |
| Artistico | 9 <sup>th</sup> - 10 <sup>th</sup> February, 2017 | The entire College was decorated by Vibgyor on the theme - SITCOMS. Also, Vibgyor conducted various inter College competitions like paint and wear, doodle with hands, wraps and glitters, colour me more, and masks in annual cultural fest of Shivaji College, <b>VIBRATIONS 2017</b> . |

### FEE CONCESSION COMMITTEE

- As has been the practise in other years, the Fee Concession Committee extended help to students from economically weaker sections of society this year as well. A new scheme was started this year, under which teachers of the College were invited to extend help to students in need of assistance. Teachers came forward to pay the fees of a number of students in part or in full. The College also joined hands with an NGO called **World Brotherhood Organisation**, which provided financial assistance to 5 girl students admitted in the first year who scored more than 75%. This assistance amounted to Rs. 98,000/-.
- The Fee Concession Committee also provided financial help ranging from Rs. 2000 to Rs. 6000 to 358 students of the College, bringing the total amount of financial aid for students in need to Rs. 1,010,000/-

### LIBRARY COMMITTEE

In the academic session 2016-2017 about 2450 books have been added till date to the library collection. This year a number of steps were taken for the improvement of the Library and its services. These include:

- **Stock verification:** The stock verification of the Library Collection has been completed for the first time and the report has been submitted to the College Authorities.
- **Book Fair:** A two - day Book Fair was organized on 6<sup>th</sup> - 7<sup>th</sup> October, 2016 in the College premises in which 18 Publishers/Book Sellers participated and displayed their collection to the teachers, staff, students and people from outside.
- **Server:** A server with advanced specifications has been purchased for the Library.
- **RFID Technology:** The process for implementation of RFID technology in the library moved forward a couple of steps as the budget required for it was worked out and then the same was approved by the Governing body of the College.

## WOMEN'S DEVELOPMENT CELL

Women's Development Cell (WDC) of Shivaji College aims at creating awareness and mobilizing youth to achieve the objective of **Gender Equality**. The cell ensured active participation of male faculty and boys of the College towards gender related issues in all the activities endorsed by WDC during the academic year 2016-17.

WDC collaborated with many organizations such as **One Billion Rising (OBR)**, **Maitri India**, **Men Engage Delhi**, and **Centre for Advocacy and Research (CFAR)** and **Nazariya** for organizing various awareness programmes throughout the year.

With the objective to condemn violence against women WDC organized an event **Ab Aur Nahin** on 26<sup>th</sup> August, 2016. The event commenced with a workshop on *Domestic Violence* conducted by Maitri India followed by an interactive session on *Engaging Men for Social justice* by Mr. Ahmed Faraz from MenEngage Delhi. Street play *Mera Wajood* organized by Centre for Advocacy and Research challenged the patriarchal systems prevailing in Modern India. The event concluded with poster making competition.

In its earnest attempt to advocate gender equality, WDC organized an event **Mera Wajood** on 7<sup>th</sup> October, 2016. The event included many sessions with our collaborators. Nazariya conducted a talk on *Exploring the Self through the Lens of Gender* which was followed by an interactive session on *Exploring the layers of masculinities* by MenEngage Delhi and One Billion Rising.

Women's Development Cell, in its efforts to generate awareness against gender related discrimination, organized a **Gender Fair**, sponsored by UGC, on the theme **Being a Woman** on 2<sup>nd</sup> - 3<sup>rd</sup> February, 2017. The event highlighted WDC's resolve to transform the rigid mindsets that are plagued with patriarchal overtones. This two-day *fair* comprised of panel discussions and talks by eminent activists working for gender equality, followed by events like flash mob, cultural performances etc. The event was inaugurated by **Ms. Kamla Bhasin**, South Asia Coordinator, One Billion Rising and famous wrestler-cum-coach **Sh. Mahavir Singh Phogat** and his wife **Smt. Daya Kaur**. The inauguration was followed by a panel discussion on *Gender Identity: Myth or Reality* which aimed to critically deliberate on socially constructed perceptions of masculinity and femininity. The fair featured plays by Asmita Theatre Group and Breakthrough along with session by MenEngage, OBR and various inter-College competitive events. The fair concluded with the presentation of **Jijabai Achievers' Awards 2017** and release of *coffee table book* and a *documentary*. The awards are conferred upon individuals with extraordinary contributions in the field of women safety, health, social security, education, skill enhancement, etc.

The recipients of the Jijabai Awards for this year are as follows:

- Dr. Rani Bang, Social Activist and researcher working for community health in Gadchiroli
- Dr. V. Rukmini Rao, Executive Director, Gramya Resource Center for Women
- Ms. Chetna Gala Sinha, Founder/Chair, Mann Deshi Bank
- Ms. Manjula Pradeep, Former Executive Director, Navsarjan

- Ms. Binalakshmi Nepram, Founder, Manipuri Women Gun Survivor Network, Manipur (MWGSN)
- Sh. Ajeet Singh, Director and Founder, Guria
- Dr. Chhavi Rajawat, Sarpanch, Village Soda, Rajasthan

WDC released a coffee table book **Udayan: A New Beginning** compiled by students and teachers of Shivaji College. This book is a reflection on metamorphic life journeys of ten ordinary individuals, who promoted gender equality in a way that has transformed the rigid and patriarchal definitions of masculinity. Their incredible contribution to women empowerment aptly defines the role of men as real agents of change in the process of gender equity. This book celebrates the contribution of unsung heroes who have made dedicated efforts in their distinct ways to end the gender stereotypes plaguing our society. It also explores the contribution of transgender community in recognizing perspectives beyond socially constructed gender-norms.

WDC also released a documentary **Mera Wajood**. It showcases the journey of four Jijabai Awardees, who in spite of facing all odds did a commendable job in their respective fields.

## **PLACEMENT CELL**

Placement cell worked round the year to provide lucrative placement opportunities to its students. Final year students were provided job opportunities by the following companies during placement drives facilitated by the Cell

1. Concentrix
2. Aon Hewitt
3. ICICI Prudential
4. Genpact
5. KVC Consultancy
6. S&P Global Market Intelligence
7. Datamatics Staffing Services Ltd
8. Atlantis Erudition and Travel Services Pvt. Ltd.
9. Amazon India

Approximately 350 students appeared under both formats out of which 170 students have been offered job positions for various job profiles (finance/business analyst, sales, marketing, educator, etc.). Results are awaited for around 15 students who have progressed to final stages of hiring process initiated by S&P Global Market Intelligence and Datamatics Staffing Services Ltd.

The Placement Cell is in talks with more companies and shall soon initiate placement process with the following organizations:

- IBM India

- Colence International Pvt. Ltd.
- Binary Semantics Ltd. (for permanent deputation in Google, India)
- Career Marshall

### **Internship Opportunities**

Besides placement opportunities to final year students, the cell is also committed in providing internship opportunities to its first and second year students. During the session 2016-2017, the students were provided internship opportunities for different profiles by the following organizations:

- Software Trainee at Hannover Re
- Research Trainee at Defence Research and Development Organization (DRDO)
- Social Media Marketer & Content Marketer Internship at ExplainoExpo.com
- Content Writing & Social Media Marketing Internship at Social Bone
- Content Writing Internship at Ketchupp

Placement Cell of the College coordinated with the Central Placement Cell of the University of Delhi to ensure that its students also have an access to placement opportunities provided by companies that visit the University Campus.

### **Scholarships**

The Placement cell also facilitated availability of scholarships to the students of Shivaji College. Internshala VTC Young Achiever Scholarship was awarded to one student, Bhanu Kalra of B. A (H) Economics final year, as per which scholarship worth Rs. 2 Lacs was awarded.

### **Skill Enhancement Sessions and Career Guidance Session**

The Placement Cell organized skill enhancement session on 13<sup>th</sup> August, 2016 conducted by Mr. Nitin Demla who is currently a Portfolio Accountant at Tata Consultancy Services and an alumnus of Shivaji College. He addressed the students and discussed traits required for an effective job search. He also shared important tips to keep in mind while preparing resume.

A special placement talk was organized for the students of B.Tech Computer Science stream to provide them an insight into Product Development job profiles offered by various software giants like Google, Microsoft, Adobe, etc. The session was conducted by Mr. Kamal Rawat, Founder of Ritambhara Technologies on 13<sup>th</sup> February, 2017. The students were given guidance on the specific stages involved in placement process and tips to prepare for it.

The cell is organizing a career guidance session tentatively scheduled for second week of March 2017 to be conducted by Times Pro of Times of India group. The session is expected to give students ample insight into scenarios prevailing in the current job market.

## ECO CLUB

- Eco-Club Shivaji College is a highly active society of Shivaji College that organizes number of environmental awareness programmes and projects from time to time.
- **Sparrow Conservation Project:** House sparrow *Passer domesticus* is a common bird of India. In the recent past its population has rapidly declined in Delhi. It is also a State Bird of Delhi, therefore for sparrow conservation; we have installed nest boxes in different parts of College campus in August 2015. The nest boxes are being monitored. In the next phase, we are planning to install feeder boxes to attract sparrows from adjoining areas.
- **Participation in Plantation:** On 5<sup>th</sup> September, 2016, Shivaji staff & students participated in *Tree Plantation* in the College campus and encouraged the students to plant trees in their backyard.
- Our society also runs a wall magazine for spreading environmental awareness among College students.
- An invited lecture on Climate Change and India was delivered by Dr. Subodh Kr Sharma, Former Advisor of Ministry of Environment Forest and Climate Change in College auditorium on 4th November, 2016. Activities like poster making and essay writing competitions were also held.
- A one-day programme was organised in the College campus to create Environmental Awareness on Fuel Conservation on 14<sup>th</sup> February, 2017. The programme included various activities like T-shirt painting, Placard writing, Sticker making and a Signature Campaign - *Save Fuel for Better and Safe Future*. A project on **Car pool: A sustainable option** was also launched. A mobile based app for the same is under consideration. A march toward ring road was also organized to spread awareness in public.
- **Vermi-composting Unit:** Our society is also engaged in making vermicompost from organic waste. The compost is made using redworms and is maintained under the guidance of Dr. Vijay Kumar.
- **Paper Recycling Unit:** Our Society manages and collects waste paper generated from the College and convert it into recycled paper.

## HERBAL GARDEN

Shivaji College has one of the best Herbal Gardens in the University of Delhi. It has beautiful collection of more than 20 medicinal herbs and shrubs properly labeled with their scientific/common names with their medicinal use. A great effort was put in by the students of Botany Department to collect the valuable local medicinal plant and to ensure to grow them in the College by developing Herbal Garden in 2014. The objective was to popularise the usefulness of commonly available and frequently used herbal plants and to conserve the associated traditional knowledge of Ayurveda for future generations. Since then the College Garden Committee has maintained seasonal medicinal herbs in it.

## **COLLEGE DEVELOPMENT COMMITTEE**

College Development Committee is engaged in major and minor work related to the growth of the College, which is enumerated as follows:

- Service and repair of installed ACs
- Repair of window panes, and fixing of glasses.
- Arrangement of security services.
- Fabrication of two Porta cabins, one for students union (already installed) and another is under fabrication meant for BBE Staff room.
- Installation of link between electricity produced by solar panels and electricity supplied by BSES, to enable College to utilize the electricity.
- Installation of water connection to keep solar panels clean.

## **WEBSITE COMMITTEE**

The website committee maintains the College website [www.shivajiCollege.ac.in](http://www.shivajiCollege.ac.in). Important notifications and circulars are regularly uploaded on the website. The website committee is in the process of adding a new module i.e. a virtual tour of the College. Through this the users can get a virtual view of the College and its landmarks simply by visiting the College website

## **GARDEN COMMITTEE**

As tradition, Garden Committee of Shivaji College Celebrated **Vanmahotsav - A Plantation Drive** on Teacher's Day, 5<sup>th</sup> September, 2016. Highlights of the event:

- *Pledge and Plant* a sapling in the College lawns.
- On the spot slogan writing competition was held.

The Garden Committee inaugurated a traditional swing at **Teej Mela** organized on 4<sup>th</sup> August, 2016 to encourage students to be closer to old traditions. The highlights of the events:

- Display of handicraft stalls (from various NGOs)
- Donation of old clothes
- Disposal of e-waste
- Mehendi, Nail art and Rangoli Competitions for students

The garden team also developed a ramp near the Principal's office having the Shivaji College logo by carving the grass and various plants which was further enhanced by coloured stones, adding new parameter to the beauty & grandeur of Shivaji College Campus.

## **REMEDIAL CLASSES**

Shivaji College has started remedial coaching classes for the weak students in the subject of General English & English Speaking Fluency, IT & Computer Skills, General Mathematical Ability, Economics and General Science. The main goal of the programme is to develop different potential qualities among the weak students and to put them at par with the regular students.

Teachers who have volunteered themselves and presently taking remedial classes are:

- Ms. Nishtha Srivastava and Mr. Skand Priya (Department of History).
- Mr. Ashesh Kr. Jharwal, Mr. Dharmendra Kr. Yadav and Mr. Satish Kumar (Department of Mathematics).
- Mr. Krishna Kant Gautam and Mr. Kamal Kumar (Department of Computer Science).
- Mr. Gayanendra Krishna Pandey and Ms. Priyanka Varma (Department of Physics).
- Mr. Ishu Thakur and Dr. Krishna Ram (Department of Economics).

## **SOLAR PANEL COMMITTEE**

Shivaji College is consistently working to find new ways to reduce pollution and create a clean and green environment. With this objective, the College initiated the process of installing solar power plant on rooftop of the College in May, 2016.

With the help of Ministry of New and Renewable Energy (MNRE) and Solar Energy Corporation of India (SECI), this work was assigned to Tata Power Solar Systems Ltd. Consequently, they installed 288 modules of 260 Watt each, making total capacity of 75 KW, on the roof tops of Geography department, Auditorium and Library block. These places receive sufficient sunlight throughout the day. The plant has started generating electricity from 23<sup>rd</sup> February, 2017, and till now it has been generating approximately 375 units every day, which is around 50% of daily energy requirements of College. It is expected that on an average, more than one-third of power requirements of the College will be met by solar power plant. Also, on holidays, when the power requirements of College are minimal, the excess electricity generated will be sold to BSES. A net-meter to keep record of incoming and outgoing units of electricity has already been installed.

Hence the profit due to solar plant is two-fold:

- a. As we shift to renewable resources, we save non-renewable resources for future generations. Also, there is reduction in net carbon emissions in the environment, as solar panels have no adverse effect on the air quality.
- b. We also expect a substantial reduction in the electricity bill received by the College.

The installation of Solar Power Plant is a significant step towards our commitment to protect our environment, and it shows our determination to continue to work for creating a clean and green Delhi.

## **ANTI - RAGGING COMMITTEE AND ANTI - RAGGING SQUAD**

Shivaji College is a ragging-free institute of higher education. Anti-ragging committee is taking all necessary measures to prevent ragging since the start of the new session. Regular surprise visits are performed by the committee members in different areas of the College. Electronic surveillance also ensures vigilance of the student activities in the campus. Posters, pamphlets and hoardings are installed at major locations. The telephone number of convener of the anti-ragging committee is flashed in the hoardings. The complaint facility is also provided to the students. Delhi Police is giving intensive support to accomplish the said objectives. This year not even a single ragging complaint was lodged.

## VOTE OF THANKS

Before I conclude this year's annual report I would like to thank Hon'ble minister Shri Manohar Parrikar for taking out time from his busy schedule and gracing this occasion with his presence.

I am highly indebted to our governing body chairman Prof. Ashok Prasad and Treasurer Prof. Upinder Singh for their constant support and guidance for the smooth functioning of the College.

I am indebted to the Government of Delhi and UGC for their support and cooperation in all matters pertaining to the College. I would like to sincerely thank Prof. Yogesh K. Tyagi, Vice-Chancellor, University of Delhi, Prof. J. P. Khurana, Director, South Campus, University of Delhi, Prof. Devender K. Sinha, Dean of Colleges and all other authorities for their constant support and assistance.

I also extend my gratitude to Dr. Dinesh Yadav and Dr. Vikas Sharma, the teacher representatives and Mr. Anand Kumar as non-teaching representative in the governing body for their constant support.

I appreciate the active involvement, hard work and support of Ms. Suman Kharbanda, Secretary, Staff Council, Dr. Virendra Bhardwaj, President, Staff Association and other office bearers of the Teaching and Non-Teaching Staff Associations. I would also like to thank Dr. Anita Kapur, Vice Principal, Dr. Kumari Priyanka, College Bursar and Dr. A. K. Shukla, PIO for their able work and support to ensure smooth functioning of the administration of the College. I thank Dr. Bhaskar Mohan Kandpal for working hard to make this event a success. I also thank Dr. Jayita Thakur, Dr. Ankita Dua and Dr. Aeshna Nigam for putting in their hardwork in compiling this annual report.

I take this opportunity to thank my colleagues, both teaching and non-teaching, conveners and members of various committees/associations and teachers-in-charge of all the departments for their hardwork, sincerity and dedication. I honor their zeal, commitment and untiring efforts which has helped College achieve its present status.

I also acknowledge the contribution of the alumni of our College. Their efforts have significant consequences for the development of Shivaji College. I congratulate the proud parents and their children for having set new standards of academic excellence and distinction.

The amalgam of harmony, co-operation and constant support of the members has helped Shivaji College achieve success. Blessings of Almighty have always catalyzed our efforts to strive for excellence. I thank you all for being present and sharing this memorable day with the family of Shivaji College.

Jai Hind.

6<sup>th</sup> March, 2017

New Delhi

**Dr. Shashi Nijhawan**

Principal