

## QLM 3.2.1 Supporting Documents NAAC SSR 2021.pdf

<b>3.2.1 SHIVAJI COLLEGE, UNIVERSITY OF DELHI FACULTY &amp; STUDENTS AWARDS FOR EXCELLENCE</b>						
	<b>Department</b>	<b>Title of the innovation</b>	<b>Name of the Awardee</b>	<b>Awarding Agency</b>	<b>Date of award</b>	<b>ATTACHMENT PROVIDED</b>
1	Department of Biochemistry	<b>Best poster award</b> “Isolation, identification, purification and optimization of different parameters of L Asparaginase from microorganism <i>Alcaligene faecalis</i> ” SHC 312- Project code	Dr. Rashmi Wardhan and Dr. Prabhavati along with their students	Innovation conclave 2016, Nurturing research at UG level, organized by ANDC, University of Delhi	October 25-26, 2016	<a href="#">ANNEXURE 1</a>
2	Department of Biochemistry	<b>Certificate of appreciation for project and Best poster award</b> “L-Asparaginase, an anti-tumor agent: Production, Characterization and Molecular Approach” SHC 312- Project code	Dr. Rashmi Wardhan and Dr. Prabhavati along with their students	University of Delhi	November 19, 2016	<a href="#">ANNEXURE 2</a>
3	Department of Biochemistry	<b>Appreciation award for project and Award for “Most Significant Social Impact”</b> “Lifestyle disorders: Etiology, Awareness & Management”	Dr. Darshan Malik	University of Delhi	November 19, 2016	<a href="#">ANNEXURE 3</a>
4	Department of Biochemistry	<b>Bharat Vikas Award 2017</b> for working on “Bioremediation”	Dr. Darshan Malik	Institute of Reliance at Bhubaneswar	November 19, 2017	<a href="#">ANNEXURE 4</a>
5	Department of Biochemistry	<b>Appreciation award for project and Award for “Most Significant Social Impact”</b> “Lifestyle disorders: Etiology, Awareness & Management”	Dr. Jayita Thakur	University of Delhi	November 19, 2016	<a href="#">ANNEXURE 5</a>
6	Department of Biochemistry	<b>First prize for poster presentation</b> on Bioremediation: A step towards environmental restoration at National Seminar	Dr. Sunita Singh	Eco Club Shivaji College, University of Delhi	March 22, 2016	<a href="#">ANNEXURE 6</a>
7	Department of Biochemistry	<b>First prize for poster presentation</b> on Harnessing Electricity Using Microbial Fuel Cell	Dr. Sunita Singh	Eco Club Shivaji College, University of Delhi	March 22, 2016	<a href="#">ANNEXURE 7</a>
8	Department of Botany	L-Asparaginase, an anti-tumor agent: Production, Characterization and Molecular Approach	Dr. V. Prabhavathi	University of Delhi	November 19 2016	<a href="#">ANNEXURE 8</a>
9	Department of Botany	A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption.	Dr. Smita Tripathi	University of Delhi	November 19 2016	<a href="#">ANNEXURE 9</a>
10	Department of Botany	Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi	Dr. Kiran Bamel	University of Delhi	November 19 2016	<a href="#">ANNEXURE 10</a>
11	Department of Botany	A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption.	Dr. Misha Yadav	University of Delhi	November 19 2016	<a href="#">ANNEXURE 11</a>

12	Department Chemistry	<b>Outstanding Scientist Award</b>	Dr.Shilpi Verma	VDGOOD Professional Association	July 5 2020	<a href="#">ANNEXURE 12</a>
13	Department Chemistry	<b>College Lecturer Award</b>	Dr Kumari Priyanka	Government of NCT of Delhi.	March 15 2019	<a href="#">ANNEXURE 13</a>
14	Department of Geography	<b>Certificate of Appreciation</b> for Research Display. National SHC 315	Dr. Tejbir Singh Rana	University of Delhi	November 19 2016	<a href="#">ANNEXURE 14</a>
15	Department of Geography	<b>Meritorious Teachers Award</b>	Dr. Tejbir Singh Rana	Govt. of NCT of Delhi	2018-04-02	<a href="#">ANNEXURE 15</a>
16	Department of Geography	<b>Certificate of Appreciation</b> for Research Display.	Dr. Bharat Ratnu	University of Delhi	November 19 2016	<a href="#">ANNEXURE 16</a>
17	Department of Hindi	<b>Shanti Devi samman 2016</b>	Dr Ruchira Dhingra	Payal Foundation Luknow	1 September 2016	<a href="#">ANNEXURE 17</a>
18	Department of Hindi	<b>Kamayani( Sahityik, Samajik Avam sanskritik sanstha) manavta ke prati samanta ke vicharon ke liye Samman Patra 2019</b>	Dr Ruchira Dhingra	samajik Avam sanskritik sanstha) Lucknow	1 September 2016	<a href="#">ANNEXURE 18</a>
19	Department of Hindi	<b>‘Ath kinnar Katha Samvad’ Prashasti Patra</b>	Dr Ruchira Dhingra	Bundelkhand, sahyik avam samajik sahyog Parishad va pandit brij Mohan avsthi susmriti sansthan( navam saraswat samaroh 2019	1 September 2019	<a href="#">ANNEXURE 19</a>
20	Department of Hindi	<b>“SAHITYA SARITA SAMMAN”</b> for the teaching & contribution in foreign studies	Dr Jyoti Sharma	Vishv Hindi Sahitya Parishad with the collaboration of ICCR and Embassy of India In Hungry	7th June, 2017	<a href="#">ANNEXURE 20</a>
21	Department of Hindi	<b>“Dr. Radhakrishnan Memorial Awards 2018</b> a national level award for outstanding performance in the field of Education	Dr. Darshan Pandey	Healthy Universe Foundation	5 <sup>th</sup> September 2018.	<a href="#">ANNEXURE 21</a>
22	Department of Hindi	Book <b>“Samkaleen rang chetna aur natakkar Shankar shesh”</b> awrded for ‘Sahitya Kriti samman’	Dr Darshan Pandey	Guranram Education and social Society, Bohal, Bhivani.	24 March 2019	<a href="#">ANNEXURE 22</a>

# QLM 3.2.1

## INNOVATION PROJECTS, INFRASTRUCTURES, RESEARCH PROJECTS, COLLEGE RESEARCH CELL

- Vermicomposting Unit at College Campus.



**SOLAR LAMPS MAKING WORKSHOP BY NSS AT SHIVAJI IN COLLABORATION BY IIT BOMBAY**



# SOLAR LAMPS WORKSHOP



REDMI NOTE 6 PRO  
MI DUAL CAMERA



REDMI NOTE 6 PRO  
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# PROJECT SANA-ENACTUS SHIVAJI COLLEGE



Enactus, Shivaji College, is one of the chapters included in “Enactus India”, which is a network of students, faculty and business leaders, working together through social entrepreneurship, to resolve socio-economic challenges of communities in need. Our mission is to provide an impetus to students in the area of management training, education and research; and to build, expand and reinforce the required managerial skills to excel in the area of globalization and competition. It focuses on fostering the spirit of entrepreneurship along with social work in its students and creating future business leaders.

#### Events organised in 2019-20:

- Orientation Programme: Enactus Shivaji embarked its journey in this academic session with an Orientation Programme, on August 30, 2019, for the first-year students of various courses. The Programme also marked the presence of the CEO of Sanfe, Mr. Archit Agarwal.
- Swastika: The Diwali Mela (Annual Fundraiser Event of Enactus Shivaji) was held on October 21, 2019. The Mela progressed with stalls of Enactus of various colleges of University of Delhi showcasing their projects and products. It also included fun activities, games, and food stalls.

#### Project of the Year:

• Project Sana is an endeavour to create reusable sanitary napkins and sell them to economically disadvantaged people. This initiative not only helps us in contributing towards the environment but also helps in guiding the underprivileged slum area women who are uninformed about menstrual hygiene. For this purpose, Enactus Shivaji collaborated with NGO Safe. The sanitary pads were tested at Sitra labs and samples were distributed among women. The products were then sold at different organisations like Sofi a NGO, Mustafabad; Rain Basera, Rajouri Garden; Janhit NGO, Azadpur; God Gives Everything NGO, Kashmir Gate; and Shakti Shalini NGO, Vinobapuri. Pads were also sold door-to-door in Raghunagar. Enactus India supported the project by mentoring the volunteers at Shivaji College and offering suggestions.

• Menstrual Hygiene and Health Sessions: Enactus Shivaji conducted various menstrual hygiene and health sessions during the year in various government schools like Sarvodaya Girls Senior Secondary School, Shalimar Bagh, Kendriya Vidyalaya, Azadpur, and many more.

• Website Launch: Enactus Shivaji also launched its website ([enactusshivaji.org](http://enactusshivaji.org)) this year.

• APP Launch: Enactus Shivaji also launched an application for PCOD patients ([enactusshivajiPCOD.apk](http://enactusshivajiPCOD.apk)) as addition to Project Sana. The app reminds the users to drink water, meditate, and has several exercises that patients should incorporate in their daily routine. The application will not only help the PCOD patients but also cross entrepreneurial boundaries by the number of users who choose to use the application, further raising revenue for our project.

• Enactus, Shivaji College organised a Webinar on May 5, 2020 at 3 pm on the Topic “Menstrual Hygiene and Social Entrepreneurship”. The speakers for the same were Kathy and Jessamijn, Co-founder of EcoFemme and Prachi Kaushik, founder and director of Vyomini Social Foundation.



**TEAM ENACTUS SHIVAJI**



# Paper recycling plant **AT SHIVAJI**



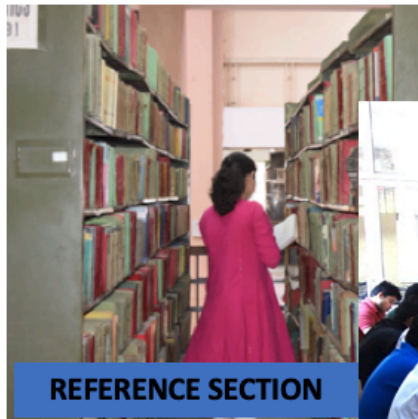
## PANJABRAO DESHMUKH THE GREEN TROPHY - ECO CLUB



### Dr. Panjabrao Deshmukh Memorial **Trophy**

Awarded for excellence in research and development of an innovative green model to solve an environmental issue. ECO Club, Shivaji College, University of Delhi

# LIBRARY INFRASTRUCTURE AT SHIVAJI COLLEGE



REFERENCE SECTION



STUDENTS' READING ROOMS



INFLIBNET FOR E-RESOURCES



OPAC SYSTEM



PHOTOCOPIER

# Library Facilities



KOHA library software with RFID system



# Laboratories **AT SHIVAJI COLLEGE**





# EDUCATIONAL TRIP TO THE DEPARTMENT OF GENETIC DEVELOPMENT, UDSC



# **ADDITIONAL LINKS**

## **RESEARCH PROJECTS SHIVAJI COLLEGE**

<b><u>Link description</u></b>	CLICK ON Links
<b><u>Link to Ongoing Projects</u></b>	<b><u>Ongoing Research Projects</u></b>
<b><u>Link to college website for College Research cell</u></b>	<b><u>CRC College research Cell info</u></b>
<b><u>Details of Research projects , Archieve</u></b>	<b><u>CLICK for archieved Research Projects</u></b>




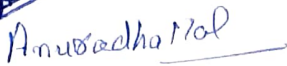
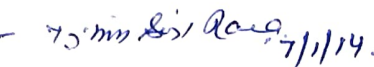
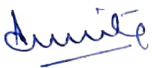

# COLLEGE RESEARCH CELL-SHIVAJI COLLEGE

## MINUTES OF MEETINGS

Minutes of the meeting

January 7, 2014

A meeting of the members of the CRC was held on January 7, 2014, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor - 
- Dr. Anuradha Mal 
- Dr. Tejbir Singh Rana - 
- Dr. Sunita Singh 
- Dr. Darshan Malik (Convener) 

The following was discussed:

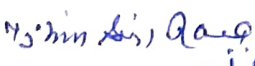
The Committee members discussed the letter received from the Innovation Desk on January 03, 2014 regarding Antardhvani 2014.


The C.R.C convener apprised the members that each college will be given designated space to set up an interactive display of the ongoing projects. The college will be provided with the table space and electronic switch boards.


It was decided to inform all the PI of the projects to clearly lay out the objective and methodology and also demonstrate the innovation aspect of the project design.

The committee decided to appoint Dr. Tejbir Rana in charge of college for display of all innovation projects to coordinate with the Antardhvani Secretariat.

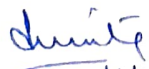
The meeting ended with a note of thanks.

  
7/1/14

  
7.1.14

  
7/1/14



  
07/01/14

## Showcase of Innovation Projects in Antardhavni 2014

1 message

**Malashri Lal** <innovationsdu@gmail.com>  
To: Deepika Bhaskar <biodeepika@gmail.com>  
Bcc: shivajicollege.ac@gmail.com

Fri, Jan 3, 2014 at 11:56 PM

Dear Principal,

Antardhavni 2014 has a special area marked 'Innovation Plaza' which will showcase Innovation Projects which have been awarded for the year 2013-14. The Innovation Projects showcased last year were a major attraction in the Antardhavni. Hence, the expectation this year is even higher and the college teachers and students must be really excited about displaying their proposed ideas and expected innovations. You would have made a firm beginning since the projects were well thought out to qualify for the award.

Each college will be given designated space to set up an interactive display of the ongoing projects. Each college will be provided with table space and electronic switch boards. Any other equipment etc. required would be the responsibility of the respective college. Each Innovation Project is expected to have its objectives and methodology clearly laid out, demonstration of innovation aspect of the project design and its likely implementation.

The table space will be ready for occupancy at 2 p.m. on February 13, 2014 and must be ready for public display at 9 a.m. on February 14, 2014.

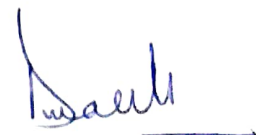
You are requested to appoint a faculty member as Incharge of your college for display of all Innovation Projects who will also coordinate with the Antardhavni Secretariat. Any queries can be addressed to Dr. Deepika Bhaskar, Coordinator, Innovations Plaza at [biodeepika@gmail.com](mailto:biodeepika@gmail.com) or 27666227.

Please send the details of the above latest by January 15, 2014.


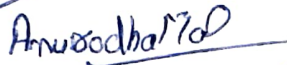
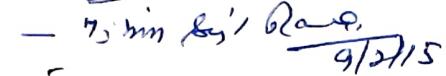
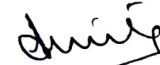
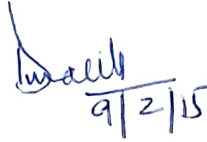
Thanking in anticipation

Yours sincerely,

Prof. Malashri Lal  
Chair, Antardhavni Organizing Committee  
and Dean, Academics

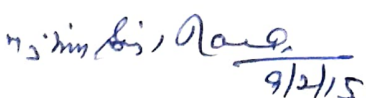
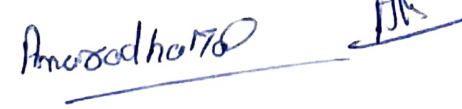
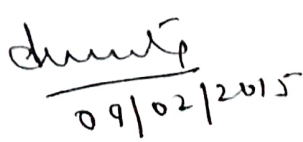
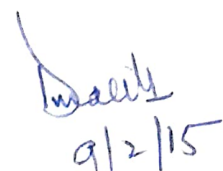


A meeting of the members of the CRC was held on February 9, 2015, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor 
- Dr. Anuradha Mal 
- Dr Tejbir Singh Rana 
- Dr. Sunita Singh 
- Dr. Darshan Malik (Convener) 

The following was discussed:

1. The committee discussed the findings presented by the PIs of the various Innovation Projects. It was found that all the ongoing projects showed satisfactory progress.
2. It was decided that all the PIs of respective Innovation Projects should present their finding at the Antardhvani 2015, to be held at the Innovation Plaza, University of Delhi, to be held from February 20-22, 2015.
3. It was noted by the committee that the PIs of all the Innovation Projects were in the process of publishing their findings.
4. The PIs will also be reminded to clear all their bills.
5. It was decided to instruct the PIs to submit their project reports and utilization certificate by the March 15, 2015.
6. The meeting ended with a note of thanks.

    
 09/02/2015

## Guidelines for Innovation projects 2015-16

1. Each faculty member/teacher can guide only one project. All Project Investigators have equal status though one permanent faculty member out of the team will take financial responsibility of the project. Projects run solely by Ad hoc/Guest Lecturer PIs must associate a permanent faculty with the project for logistic reasons.
2. The teacher should withdraw names from other projects and inform the Innovation Desk regarding the same.
3. If the same group has submitted more than one project and more than one project is selected, except one the other projects should be withdrawn, rather than transferring it to other faculty members.
4. The names of Ad-hoc /guest faculty who leave a college during the duration of the project must be removed from the project and intimated to the Innovation Desk. They can, however, contribute on honorary terms and their names may be included in publications from projects if they have contributed significantly.
5. One Mentor can guide only one Innovation project. Only in exceptional cases, the mentor can guide only one more project purely on honorary terms which may be clearly specified
6. One student of the college can take part in only one project.
7. Names of ad-hoc/Guest Lecturers who are no longer a part of a college after submitting the project are not allowed to work in the sanctioned Innovation Project.
8. Project Investigators who are on deputation to the University may work on the project in the college. They may be given travel as per university rules.
9. Any change in the status of the project regarding change in faculty member, student etc. should be intimated to the Innovation Desk and appropriate approval be taken.
10. The grant sanctioned should be utilized only according to budgetary heads under which the amount is allocated.
11. College will maintain the financial discipline regarding the project.
12. Re-appropriation of fund not exceeding 10% under each budget head may be

*Handwritten signature*

- allowed in special circumstances by the college principal under intimation to the Internal Audit Officer, University of Delhi.
13. No duplication of equipment, camera, laptop etc. already given to college is allowed. The college should ensure that the equipment, camera, laptop, printer etc. already purchased by the college in the previous rounds of Innovation Projects be issued to the projects of this round. Only if the number purchased in previous rounds is less than the number sanctioned in this round, new laptops, printers, cameras etc. should be purchased.
  14. Fifty per cent of the sanctioned money plus the equipment grant will be released in the first phase. The funds in the second phase will be released after mid-term review of the progress of the project. If the project is not conducted according to the agreed guidelines and progress report is not satisfactory, the second installment of the grant will not be released.
  15. The Mentor should be consulted at each stage of the project. The mid-term report and the final report submission must have the approval of the Mentor. The PI should maintain a record of his/her involvement in the project. The Mentor will be given sitting allowance of Rs.2,000/- plus travel expenditure as per the University norms. A minimum of six visits by the Mentor would be expected so as to encourage active guidance in the project. The total amount payable inclusive of sitting allowance and travel expenditure to the Mentor will be a maximum of Rs 25,000/-
  16. The equipment and other non-consumable items purchased in the project are the property of the college.
  17. Exorbitant taxi and xeroxing bills should not be entertained.
  18. In the projects involving laboratory-based work, the college should ensure that the major portion of the work was conducted in the laboratory facilities available/created in the college.
  19. The final project report is to be forwarded through the Principal.
  20. The Project Investigators will be responsible for following GFR and other government norms of expenditure.
  21. Each project should submit an audited Utilization Certificate within one month of the last date of the project. No request for future grants will be entertained till the previous project is closed and audited utilization certificate is submitted along with other requirements like final report and return of balance amount.

*Devi*

## Information about Innovation Projects 2015-16 of your college

3 messages

**Innovation Desk** <innovationsdu@gmail.com>

Tue, Aug 25, 2015 at 11:39 AM

To: innovationprojects1516@gmail.com

Bcc: Shivajicollege.ac@gmail.com

Dear Principal,

It is with great pleasure that the University of Delhi announces the Innovation Projects 2015-16. The recommended list of Innovation Projects 2015-16 is displayed on the website.

Kindly ensure that the titles are accurate for your college and confirm. Also, kindly ensure that the project investigators and student participants in every project are as per the project guidelines which include the rules on repetition of names.

The final list of project investigators along with their contact details and the list of students (in the format attached, sent as soft copy, compulsorily a doc file) for every project may kindly be submitted to this office latest by **28 August 2015** for further processing.

Kindly note that the colleges that have **not submitted the audited Utilization Certificates for all the projects** undertaken by them in the previous round **will not be given further funding for any new project** until the past accounts have been cleared by the concerned authority.

Looking forward to the details from your college latest by 28 August 2015 on the email ID

innovationsdu@gmail.com


Thanking in anticipation


Sincerely,

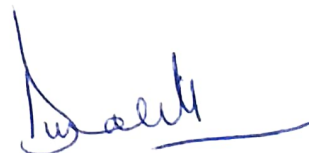
Deepika Bhaskar

Coordinator, Innovation Desk

### 2 attachments

 **GuidelinesIP 2015-16.docx**  
114K

 **Format-IP2015-16 Info.docx**  
52K



**Shivaji College** <shivajicollege.ac@gmail.com>

Thu, Aug 27, 2015 at 3:25 PM

To: Innovation Desk <innovationsdu@gmail.com>

Dear madam,

We request you to please extend the last day for submission till 31 August 2015 because today is DUTA election and tomorrow is college holiday.

Thanks for your kind cooperation.

Regards,

Principal

[Quoted text hidden]

Innovation Desk <innovationsdu@gmail.com>  
To: Shivaji College <shivajicollege.ac@gmail.com>

Mon, Aug 31, 2015 at 12:37 PM

Dear Mam,

Information as desired in mail below has not been received from your college. We hope it was forwarded to the respective PIs.

The sanction letters will get delayed without the list of PIs. Your kind cooperation will be highly appreciated.

Please use the email ID \_\_\_\_\_ in case the one mentioned below bounces.


Regards

Deepika Bhaskar  
Innovation Desk

[Quoted text hidden]

**2 attachments**

 **GuidelinesIP 2015-16.docx**  
114K

 **Format-IP2015-16 Info.docx**  
52K



## Minutes of the meeting

August 6, 2015

A meeting of the members of the CRC was held on August 6, 2015, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor - AK
- Dr. Anuradha Mal - Anuradha Mal  
6.8.15
- Dr Tejbir Singh Rana - Tejbir Singh Rana  
6/8/15.
- Dr. Sunita Singh - Sunita
- Dr. Darshan Malik (Convener) - Darshan Malik  
6/8/15

The following was discussed:

1. The committee was happy to note that shivaji College had received one of the highest number of sanctions for Innovation Project in the University of Delhi in 2013-15.
2. The committee therefore decided to motivate all the faculty members to submit project proposals to the Innovation Desk, University of Delhi for 2015-16, to expose undergraduate students to research work and inculcate scientific temperament at an early stage.
3. The committee also decided to encourage the faculty members to apply to the other funding agencies like UGC, DST, DBT, etc
4. It was decided to inform all the PIs that the focus of the research projects should be on addressing challenges of the society.

The meeting ended with a note of thanks.

AK  
Darshan Malik  
6/8/15

Tejbir Singh Rana  
6/8/15.

Anuradha Mal  
6.8.15

Sunita  
24 / 56 6/8/15



A meeting of the members of the CRC was held on August 25, 2015, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor - AK
- Dr. Anuradha Mal - Anuradha Mal
- Dr. Tejbir Singh Rana - Tejbir Singh Rana 25/8/15
- Dr. Sunita Singh Sunita
- Dr. Darshan Malik (Convener) Darshan Malik 25/8/15

The following was discussed:

1. The committee discussed all the 15 Innovation Projects 2015-16 submitted by the PIs, and the projects were found to be of high quality with achievable results.
2. The committee also checked all the projects for the contact details of project investigators and the list of students for every project and noted that the PIs had submitted the projects in the prescribed format.
3. The committee decided to send all the 15 submitted projects to the Innovation Desk.
4. The meeting ended with a note of thanks.

Sunita

Anuradha Mal

AK

Tejbir Singh Rana  
25/8/15

Darshan Malik  
25/8/15

## Innovation Projects 2015-2016 Details

2 messages

Shivaji College <shivajicollege.ac@gmail.com>

Tue, Sep 1, 2015 at 3:35 PM

To: innovationprojects1516@gmail.com, Malashri Lal <innovationsdu@gmail.com>

Bcc: malik darshan <darshanmalik@yahoo.com>, shashi nijhawan <shashi.nijhawan@gmail.com>, Tejbir Rana <ranatejbir@gmail.com>

Dear madam,

Please find the attached documents for the Innovation Projects 2015-2016 Details as per desired format.

Thanks and Regards,  
Principal

15 attachments

 INNOVATION PROJECTS 2015 SH301.docx  
18K

 INNOVATION PROJECTS 2015 SH302.docx  
15K

 INNOVATION PROJECTS 2015 SH303.docx  
16K

 INNOVATION PROJECTS 2015 SH304.docx  
23K

 INNOVATION PROJECTS 2015 SH305.docx  
25K

 INNOVATION PROJECTS 2015 SH306.docx  
24K

 INNOVATION PROJECTS 2015 SH307.docx  
17K

 INNOVATION PROJECTS 2015 SH308.docx  
24K

 INNOVATION PROJECTS 2015 SH309.docx  
24K

 INNOVATION PROJECTS 2015 SH310.docx  
17K

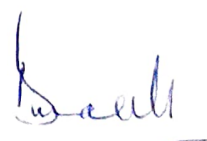
 INNOVATION PROJECTS 2015 SH311.docx  
18K

 INNOVATION PROJECTS 2015 SH312.docx  
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 INNOVATION PROJECTS 2015 SH313.docx  
23K

 INNOVATION PROJECTS 2015 SH314.docx  
18K

 INNOVATION PROJECTS 2015 SH315.docx  
24K



Shivaji College <shivajicollege.ac@gmail.com>

Sat, Jun 11, 2016 at 12:05 PM

To: Divya Madaan <divya.madaan13@gmail.com>

A meeting of the members of the CRC was held on September 7, 2015, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor - [Signature]
  - Dr. Anuradha Mal - Anuradha Mal
  - Dr. Tejbir Singh Rana - [Signature]
  - Dr. Sunita Singh - Sunita Singh
  - Dr. Darshan Malik (Convener) - Darshan Malik
- 7/9/15

The following was discussed:

1. The committee members were happy to note that all the 15 Innovation Project proposals send by the college were sanctioned.
2. It was decided by that Dr. Darshan Malik will be the nodal officer for Innovation Projects.
3. The committee decided that the projects can procure items like pen drives, hard disks etc under the stationary heading. They must be within reasonable limits
4. The bills of all the items purchased should mention date, make and company's name.
5. It was decided that the students should submit a monthly report before releasing their stipend.
6. The meeting ended with a note of thanks.

Sunita Singh  
07/09/2015

Darshan Malik  
7/9/15

Anuradha Mal

[Signature]

7/9/15

## Details of Nodal Officer for Innovation Projects of your college/centre

2 messages

**Innovation Desk** <innovationprojects1516@gmail.com>  
To: Innovation Desk <innovationprojects1516@gmail.com>  
Bcc: Shivajicollege.ac@gmail.com

Wed, Nov 18, 2015 at 1:39 PM

Dear Principal,

This is to request you to appoint one Nodal Officer from your college/centre for coordination regarding various activities and issues related to Innovation Projects 2015-16.

The following details of the Nodal Officer are required:

Name

Email ID

Mobile number

The Nodal Officer should be from amongst the Project Investigators of Innovation projects 2015-16 of your college/centre, preferably with past experience of Innovation Projects and well versed with the norms of running the projects.

The Nodal Officer will be coordinating on behalf of the college/centre with the Innovation Desk and will keep all PIs and students associated with Innovation Projects updated on details received from Innovation Desk.

We will be highly thankful if the details are mailed to us by 20 November 2015 as a meeting is scheduled in the next week regarding the Innovation Projects 2015-16 update which the Nodal Officers must attend on behalf of the college/centre. They will be individually informed about this once we receive the details from your office.

Thanks for your cooperation.

Sincerely,

Deepika Bhaskar  
Coordinator, Innovation Desk

**Shivaji College** <shivajicollege.ac@gmail.com>  
To: Innovation Desk <innovationprojects1516@gmail.com>  
Bcc: malik darshan <darshanmalik@yahoo.com>

Wed, Nov 18, 2015 at 5:16 PM

Dear Ma'am,

The following are details of the Nodal Officer from Shivaji College for for coordination regarding various activities and issues related to Innovation Projects 2015-16:-

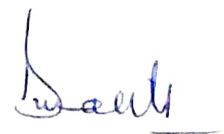
**Name** : Dr. Darshan Malik

**Email ID** : darshanmalik@yahoo.com

**Mobile number** : 9711191055

Thanks and Regards,

Principal  
Shivaji College



## Additional Guidelines for Innovation Projects 2015-16

2 messages

**Innovation Desk** <innovationprojects1516@gmail.com>  
To: Innovation Desk <innovationprojects1516@gmail.com>  
Bcc: Shivajicollege.ac@gmail.com

Mon, Jan 25, 2016 at 2:45 PM


Dear Principal,

Please find attached Additional Guidelines for Innovation Projects 2015-16. Please forward these to all PIs of Innovation Projects 2015-16 of your college/Centre. Kindly also ensure that the guidelines are strictly followed.

Please feel free to write back for any queries.

Sincerely,

Deepika Bhaskar  
Coordinator, Innovation Desk

 **Additional Guidelines-IP.docx**  
126K

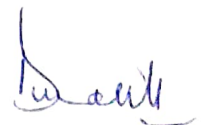
**Shivaji College** <shivajicollege.ac@gmail.com>

Thu, Jan 28, 2016 at 12:57 PM

To: prabha5\_udsc <prabha5\_udsc@yahoo.com>, kbamel@yahoo.in, Rashmi Wardhan <rashmiwardhan56@gmail.com>, malik darshan <darshanmalik@yahoo.com>, Jayita T <jayita.t@gmail.com>, ankita dua <ankitadua1987@gmail.com>, Misha Yadav <dr.mishayadav@gmail.com>, Preeti Sharma <reachtopreeti@yahoo.co.in>, Mamta Datt <mrsamtadatt@gmail.com>, anshuatulchopra <anshualulchopra@yahoo.com>, Abha Vasal <abhavasal@gmail.com>, Abha Vasal <abhavasal@yahoo.com>, "anitakapur52@gmail.com" <anitakapur52@gmail.com>, Nimita Kant <nimitakant@gmail.com>, book my showl kuls <parulkuls26@gmail.com>, vijaycemde@yahoo.co.in, sunita\_iitd <sunita\_iitd@yahoo.com>, shashi nijhawan <shashi.nijhawan@gmail.com>, renu baweja <renubaweja11@yahoo.com>, aeshna nigam <aeshna.nigam@gmail.com>, seematalwar2003@yahoo.com, Gaurav Kumar <gauravk9977@gmail.com>, rajnikanojia <rajnikanojia@yahoo.co.in>, bharti badhwar <bharti.badhwar9@gmail.com>, bharti baniwal <bhartibaniwal9@gmail.com>, Debjani Banerjee <dbanerjee77@gmail.com>, Richa Arora <aroraricha007@gmail.com>, Ajay Kumar <ajaykr.bhu@gmail.com>, RAKESH YADAV <prof.rakesh.yadav@gmail.com>, sumitssc <sumitssc@gmail.com>, Tejbir Rana <ranatejbir@gmail.com>, bhara ratnu <bharatratnu2010@gmail.com>, rahul singhal <rahulsinghalchem@gmail.com>, rahul singhal <rahulsinghal.chem@gmail.com>, Sehra Mk <mksehra@gmail.com>, shivanisuccess22@yahoo.com, "Dr. Satvinder Singh" <satvinderbiochem@gmail.com>

[Quoted text hidden]

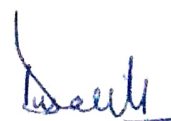
 **Additional Guidelines-IP.docx**  
126K



## **Additional Guidelines for Innovation Projects 2015-16**

(In addition to the Guidelines already issued)

1. GFR Rules have to be strictly followed for all purchases and guidelines of Sponsored research projects should be broadly followed.
2. One publication per project is strongly encouraged and must be reported with full details along with a copy of the publication at the time of submission of final report.
3. All papers/publications must carry the names of the students along with faculty members.
4. Students should be motivated to present research work at conferences and symposia along with the teachers.
5. The focus of the research in the project should be to come up with an innovation that has the potential to address a real-world problem or challenge of the society.
6. Due recognition must be given to grant received from University of Delhi at the time of any publication or presentation.
7. Due caution must be taken to utilize the grant only for research work related to the project.
8. Any outstation travel should only be permitted if it is an absolute must for the project and has been part of the original proposal. It should be avoided for any survey or research work that can be done locally. Due caution must be taken in detailing outstation visits. Clarification may be sought from Innovation Desk in case it is required.
9. Utilization Certificate has to be submitted at the time of half yearly report. Audited Utilization Certificate must be submitted at the time of submission of final report. No grant will be released in future without this.
10. Stationery items will include all computer related items, hard disk, cartridge, pen drive etc. within reasonable limits.
11. Consumable heads include chemicals, kits and glassware for research.
12. All bills should mention item, make and company name for items purchased.
13. Indiscriminate photocopying and printing bills are strongly discouraged.
14. Public transport should be used for local surveys. Use of taxi should be strongly discouraged.
15. Expenditure pertaining to fieldwork should be carefully monitored.
16. Cash handling and advances should be minimized and direct payments to vendors must be encouraged.
17. Payment to Mentor should be strictly according to guidelines already issued.
18. Purchase of laptops, video recording instruments, air conditioners, cameras, furniture, home theatre, mobile phone etc. is not permitted. Prior approval must be sought for any exception.
19. Monthly progress reports may be obtained from the students by the PIs before release of the stipend.



**Half yearly Report/UC/CO of Innovation Projects 2015-16**

4 messages

**Innovation Desk** <innovationprojects1516@gmail.com>  
 To: Innovation Desk <innovationprojects1516@gmail.com>  
 Bcc: Shivajicollege.ac@gmail.com

Wed, Feb 24, 2016 at 4:20 PM

Dear Principal,

Please find attached herewith the format of Half-Yearly Report in presentation form. Also find attached the format of Utilization Certificate for first instalment and Certificate of Originality. All the three documents have to be sent together in soft copy latest by 15 March 2016 strictly.


The details of presentations/display will be intimated in due course. Kindly share the information with the project Investigators of the Innovation Projects 2015-16.


Thanking in anticipation.

Sincerely,

Deepika Bhaskar  
 Coordinator, Innovation Desk

**2 attachments**

 **IP2015-16 Half Yearly Format.pptx**  
 62K

 **UC-CO-IP\_Half yearly2015-16.doc**  
 51K


**Shivaji College** <shivajicollege.ac@gmail.com>


Wed, Feb 24, 2016 at 5:27 PM


To: prabha5\_udsc <prabha5\_udsc@yahoo.com>, kbamel@yahoo.in, Rashmi Wardhan <rashmiwardhan56@gmail.com>, malik darshan <darshanmalik@yahoo.com>, Jayita T <jayita.t@gmail.com>, ankita dua <ankitadua1987@gmail.com>, Misha Yadav <dr.mishayadav@gmail.com>, Preeti Sharma <reachtopreeti@yahoo.co.in>, Mamta Datt <mrsmtadatt@gmail.com>, anshuatulchopra <anshualchopra@yahoo.com>, Abha Vasal <abhavasal@gmail.com>, Abha Vasal <abhavasal@yahoo.com>, "anitakapur52@gmail.com" <anitakapur52@gmail.com>, Nimita Kant <nimitakant@gmail.com>, book my showl kuls <parulkuls26@gmail.com>, vijaycemde@yahoo.co.in, sunita\_iitd <sunita\_iitd@yahoo.com>, shashi nijhawan <shashi.nijhawan@gmail.com>, renu baweja <renubaweja11@yahoo.com>, aeshna nigam <aeshna.nigam@gmail.com>, seematalwar2003@yahoo.com, Gaurav Kumar <gauravk9977@gmail.com>, rajnikanojia <rajnikanojia@yahoo.co.in>, bharti badhwar <bharti.badhwar9@gmail.com>, bharti baniwal <bhartibaniwal9@gmail.com>, Debjani Banerjee <dbanerjee77@gmail.com>, Richa Arora <aroraricha007@gmail.com>, Ajay Kumar <ajaykr.bhu@gmail.com>, RAKESH YADAV <prof.rakesh.yadav@gmail.com>, sumitssc <sumitssc@gmail.com>, Tejbir Rana <ranatejbir@gmail.com>, bharat ratnu <bharatratnu2010@gmail.com>, rahul singhal <rahulsinghalchem@gmail.com>, rahul singhal <rahulsinghal.chem@gmail.com>, Sehra Mk <mksehra@gmail.com>, shivanisuccess22@yahoo.com, "Dr. Satvinder Singh" <satvinderbiochem@gmail.com>

[Quoted text hidden]

**2 attachments**

 **IP2015-16 Half Yearly Format.pptx**  
 62K

 **UC-CO-IP\_Half yearly2015-16.doc**  
 51K



Shivaji College <shivajicollege.ac@gmail.com>  
To: Shivaji Accounts Section <acc.sec.shivajicollege.ac@gmail.com>

Tue, Mar 8, 2016 at 3:59 PM


----- Forwarded message -----

From: Innovation Desk <innovationdesk@shivaji.ac@gmail.com>  
Date: Wed, Feb 24, 2016 at 4:20 PM  
Subject: Half yearly Report/UC/CO of Innovation Projects 2015-16  
To: Innovation Desk <innovationdesk@shivaji.ac@gmail.com>

[Quoted text hidden]

## 2 attachments

 IP2015-16 Half Yearly Format.pptx  
62K

 UC-CO-IP\_Half yearly2015-16.doc  
51K

Shivaji College <shivajicollege.ac@gmail.com>


Mon, Mar 14, 2016 at 2:05 PM


To: prabha5\_udsc <prabha5\_udsc@yahoo.com>, kbamel@yahoo.in, Rashmi Wardhan <rashmiwardhan56@gmail.com>, malik darshan <darshanmalik@yahoo.com>, Jayita T <jayita.t@gmail.com>, ankita dua <ankitadua1987@gmail.com>, Misha Yadav <dr.mishayadav@gmail.com>, Preeti Sharma <reachtopreeti@yahoo.co.in>, Mamta Datt <mrsmamtadatt@gmail.com>, anshuatulchopra <anshutatulchopra@yahoo.com>, Abha Vasal <abhavasal@gmail.com>, Abha Vasal <abhavasal@yahoo.com>, "anitakapur52@gmail.com" <anitakapur52@gmail.com>, Nimita Kant <nimitakant@gmail.com>, book my showl kuls <parulkuls26@gmail.com>, vijaycemde@yahoo.co.in, sunita\_iitd <sunita\_iitd@yahoo.com>, shashi nijhawan <shashi.nijhawan@gmail.com>, renu baweja <renubaweja11@yahoo.com>, aeshna nigam <aeshna.nigam@gmail.com>, seematalwar2003@yahoo.com, Gaurav Kumar <gauravk9977@gmail.com>, rajnikanojia <rajnikanojia@yahoo.co.in>, bharti badhwar <bharti.badhwar9@gmail.com>, bharti baniwal <bhartibaniwal9@gmail.com>, Debjani Banerjee <dbanerjee77@gmail.com>, Richa Arora <aroraricha007@gmail.com>, Ajay Kumar <ajaykr.bhu@gmail.com>, RAKESH YADAV <prof.rakesh.yadav@gmail.com>, sumitssc <sumitssc@gmail.com>, Tejbir Rana <ranatejbir@gmail.com>, bharat ratnu <bharatratnu2010@gmail.com>, rahul singhal <rahulsinghalchem@gmail.com>, rahul singhal <rahulsinghal.chem@gmail.com>, Sehra Mk <mksehra@gmail.com>, shivanisuccess22@yahoo.com, "Dr. Satvinder Singh" <satvinderbiochem@gmail.com>

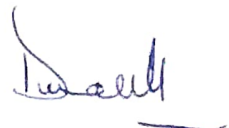
Dear Project Investigators,

[Quoted text hidden]

## 2 attachments

 IP2015-16 Half Yearly Format.pptx  
62K

 UC-CO-IP\_Half yearly2015-16.doc  
51K





## Innovation Projects Half Yearly Presentation schedule April 5-9, 2016

**Innovation Desk** <innovationprojects1516@gmail.com>  
To: Innovation Desk <innovationprojects1516@gmail.com>  
Bcc: Shivajicollege.ac@gmail.com

Tue, Mar 29, 2016 at 4:22 PM

Dear Principal,

Kindly share with the PIs of the Innovation projects of your college that the half yearly presentation schedule for Innovation Projects spans from April 5-9, 2016.

The PIs of each project will receive their presentation schedule by tomorrow with date, time and venue.

One PI and one student per project are expected to come for the presentation.

The time of the presentation will be strictly ten minutes. The presenter will be stopped after that. 5 minutes after that are for interaction with the experts and their suggestions for the project. The experts will also recommend/reject the further release of grant for the project following presentation.

The presentations sent as half yearly reports will already be loaded on the computers in the allotted rooms. No changes or additional upload will be permitted.

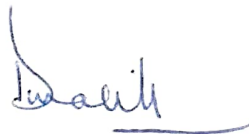
If presentations/half yearly reports/UC/CO are not received by 31 March 2016, the grant for the next phase will not be released.

Thanks for your kind cooperation.

Sincerely,

Deepika Bhaskar



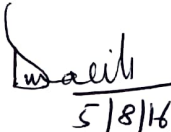
Coordinator, Innovation Desk



## Minutes of the meeting

August 5, 2016


A meeting of the members of the CRC was held on August 5, 2016, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor 
- Dr. Anuradha Mal - Anuradha Mal
- Dr. Tejbir Singh Rana - Tejbir Singh Rana 5/8/16.
- Dr. Sunita Singh 
- Dr. Darshan Malik (Convener)  5/8/16

The following was discussed:


1. The committee discussed the findings presented by the PIs of the various Innovation Projects. It was found that all the ongoing projects showed satisfactory progress.
2. It was decided to ask the PIs to submit their Project report and Utilization Certificate by October 20, 2016.
3. All the PIs will also be instructed to clear all their bills timely.

The meeting ended with a note of thanks.

  
5/8/16



Anuradha Mal

Tejbir Singh Rana  
5/8/16  
  
05/08/2016

Format of Final Report

COVER PAGE

UNIVERSITY OF DELHI  
INNOVATION PROJECTS 2015-16  
FINAL REPORT

1. PROJECT CODE:
2. PROJECT TITLE
3. NAME OF COLLEGE/INSTITUTION:
4. PRINCIPAL INVESTIGATORS (NAME, DEPARTMENT, EMAIL, PHONE NO.)
5. MENTOR
6. STUDENTS INVOLVED IN THE PROJECT (NAME, DEPARTMENT, EMAIL ID AND PHONE NUMBER)

University of Delhi

Certificate of Originality

This is to certify that the research work carried out and the final report submitted  
by the Project Investigators and the students of Innovation Project having

Project code

\_\_\_\_\_ and title

\_\_\_\_\_

Of College/ Institute \_\_\_\_\_

Is original. Any plagiarism/academic dishonesty reported at any stage will be our  
responsibility.

Signatures of the all PIs

Utilization Certificate

**Innovation Project 2015-16**

**Project Title** \_\_\_\_\_

**Audited Financial Statement under Innovation Project scheme**

**College:**

**Project Investigators:**

Grant Sanctioned Rs	(In figures)		
	(In Words)		
Equipments/Consumables			
Travel			
Stipend			
Honorarium			
Stationery			
Contingency			
Total amount utilized Rs. (In figures and words )			
Amount remaining Rs. (In figures and words )			

Certified that out of Rs. \_\_\_\_\_ (In figures and words)

sanctioned to Innovation Project Code \_\_\_\_\_, Rs \_\_\_\_\_ has been utilized

during the period of the project. The remaining amount Rs. \_\_\_\_\_ (In figures and

words) is being returned back to the University.

Signature of Project Investigators

Financial Audit Clearance  
and Stamp of Chartered Accountant

Signature of Principal

## Final Report

1. Project Title
2. Project Code
3. Abstract
4. Introduction
5. Research problem/hypothesis/objectives
6. Methodology Techniques/Sampling /Tools/Materials
7. Result and Discussion (main text, tables with titles, graphs and figures with legends) In detail
8. Innovations shown by the project
9. Conclusion and Future direction
10. References in APA format
11. Publication/s from the work. (attach copies)
12. Conference Presentation/s (attach copies)
13. Patent/s and Technology Transfer (attach copies)
14. Media Coverage (attach copies)
15. Pictures related to the project.
16. Annexure/Any other information

## Release of 2nd installment of Innovation Project 2015-16

**Innovation Desk** <innovationprojects1516@gmail.com>

To: Shivaji College <shivajicollege.ac@gmail.com>

Fri, Sep 2, 2016 at 3:21 PM

Cc: Shivaji Accounts Section <acc.sec.shivajicollege.ac@gmail.com>


Dear Madam,

The second instalment was transferred to college in account details provided as a consolidated amount of all projects on 16.08.2016.

The details of the amount to be given to each project have already been mailed to the Principal.

Regards

[Quoted text hidden]





## Last date of Innovation Project 2015-16

**Innovation Desk** <innovationprojects1516@gmail.com>  
To: Shivaji College <shivajicollege.ac@gmail.com>  
Cc: Shivaji Accounts Section <acc.sec.shivajicollege.ac@gmail.com>

Mon, Sep 19, 2016 at 11:43 AM

Dear Madam,

The details will be mailed to you by tomorrow with formats. The last date of utilizing the grants is 01 November 2016.

Regards

Deepika  
12/09/2016, 11:43 AM



# Schedule of Presentations

Date : 24th October 2016			
S.No	Project	Timing	Interaction
1	SHC 301	1:00 - 1:20 PM	1:20 - 1:30 PM
2	SHC 302	1:30 - 1:50 PM	1:50 - 2:00 PM
3	SHC 303	2:00 - 2:20 PM	2:20 - 2:30 PM
4	SHC 304	2:30 - 2:50 PM	2:50 - 3:00 PM
5	SHC 305	3:00 - 3:20 PM	3:20 - 3:30 PM
6	SHC 313	3:30 - 3:50 PM	3:50 - 4:00 PM
7	SHC 311	4:00 - 4:20 PM	4:20 - 4:30 PM
Date : 25th October 2016			
S.No	Project	Timing	Interaction
8	SHC 306	1:00 - 1:20 PM	1:20 - 1:30 PM
9	SHC 307	1:30 - 1:50 PM	1:50 - 2:00 PM
10	SHC 308	2:00 - 2:20 PM	2:20 - 2:30 PM
11	SHC 309	2:30 - 2:50 PM	2:50 - 3:00 PM
12	SHC 310	3:00 - 3:20 PM	3:20 - 3:30 PM
13	SHC 312	3:30 - 3:50 PM	3:50 - 4:00 PM
14	SHC 314	4:00 - 4:20 PM	4:20 - 4:30 PM
15	SHC 315	4:30 - 4:50 PM	4:50 - 5:00 PM

*David*

A meeting of the members of the CRC was held on October 28, 2016, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor - AK
- Dr. Anuradha Mal - Anuradha Mal
- Dr. Tejbir Singh Rana - Tejbir Singh Rana  
28/10/16.
- Dr. Sunita Singh - Sunita Singh
- Dr. Darshan Malik (Convener) - Darshan Malik  
28/10/16

The following was discussed:

1. The committee checked that all the Innovation Project reports adhered to the prescribed format and had required photographs and annexures attached.
2. The committee decided to encourage the PIs to submit their project findings in the prescribed format for Research Display at the Convocation Ceremony on November 19, 2016.
3. The PIs will also be informed that only the selected Innovation Projects which meet the required criteria and likely to have an impact on meeting the global challenges in future.
4. The format for selection will be shared with all the PIs by mail.
5. The meeting ended with a note of thanks.

Anuradha Mal                      Tejbir Singh Rana                      Sunita Singh  
28/10/16    28/10/16    28/10/2016

Darshan Malik                      AK

**Display of selected Innovation projects at the Convocation of the University**

**Innovation Desk** <innovationprojects1516@gmail.com>  
To: innovationprojects1516@gmail.com  
Bcc: Shivajicollege.ac@gmail.com

Tue, Nov 1, 2016 at 6:08 AM

CSEC/2016/2684

Dear Principal,

Kindly share it with PIs of all Innovation Projects

The University of Delhi is organizing a 'Research Display' on 19 November 2016 at the time of Convocation of University of Delhi. Selected Innovation Projects will also be displayed. The selection will be based on any Innovation shown or any significant research findings that are likely to have an impact on meeting global challenges in future.

If you think your project and its finding meet this criteria, kindly respond in the format specified below by 4 November 2016.

Format for Selection:

1. Title and Code of Project
2. Name, Email ID and mobile number of PI to be contacted
3. Significance of the study
4. Innovation shown and its future impact
5. Significant findings with relevance to global challenges
6. Why should your project be selected for the display?



The display will be in the form of a poster for which a certificate will be given.

Kindly attach documents to support your claim.

No entries will be entertained after the due date.

Sincerely,

Deepika Bhaskar

Coordinator, Innovation Desk

## Innovation Project 2015-16

1 message

Shivaji College <shivajicollege.ac@gmail.com>  
To: Innovation Desk <innovationprojects1516@gmail.com>

Wed, Nov 2, 2016 at 2:05 PM

**Dear Madam,**

It is submitted that one of Innovation project Investigator has not submitted any bill during the entire period of Innovation Project, but on 01/11/2016, PI has submitted the following bills:-

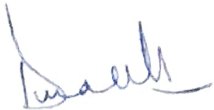
1. Request Letter for release of payment to Mentor of Rs 25,000/- without minutes of meeting as per guidelines.
2. Request Letter for release of stipend to students for 12 months without progress report.
3. Travel bills of different dates
4. Equipment/consumable bills on different date.

Further, this is to inform you that project investigator has not submit half yearly report and utilization certificate for the said project

Please clarify whether these bills are admissible at the end of the project.

**With Regards,**

**Principal**



## Clarification on Contingency expenditure

Innovation Desk <innovationprojects1516@gmail.com>

Wed, Nov 2, 2016 at 1:22 PM

To: Shivaji College <shivajicollege.ac@gmail.com>


Dear Sir,

Purchase of shoes for students is not permitted. If any justification is given by PI for the purchase, it may be attached. In any case, prior approval should have been taken in case of any special reason or circumstance related to research to be carried out in project.

This may not be permitted.

Regards

[Quoted text hidden]



**Fw: Display of selected Innovation projects at the Convocation of the University**

From: Darshan Malik (darshanmalik@yahoo.com)

To: tinku\_prajapati@yahoo.co.in

Date: Wednesday, 7 October, 2020, 01:10 pm IST

Pls print

Dr. Darshan Malik  
Associate Professor  
Department of Biochemistry  
Shivaji College  
University of Delhi

----- Forwarded message -----

**From:** Ankita Dua <ankitadua1987@gmail.com>

**To:** Darshan Malik <darshanmalik@yahoo.com>

**Sent:** Sunday, 4 October, 2020, 12:34:11 pm IST

**Subject:** Fwd: Display of selected Innovation projects at the Convocation of the University

----- Forwarded message -----

**From:** Innovation Desk <innovationprojects1516@gmail.com>

**Date:** Thu, Oct 27, 2016 at 6:28 PM

**Subject:** Display of selected Innovation projects at the Convocation of the University

**To:**

**Cc:** <innovationsprojects1516@gmail.com>

CSEC/2016/2684

27<sup>th</sup> October, 2016

Dear Colleague,

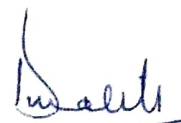
The University of Delhi is organizing a 'Research Display' on 19 November 2016 at the time of Convocation of University of Delhi. Selected Innovation Projects will also be displayed. The selection will be based on any Innovation shown or any significant research findings that are likely to have an impact on meeting global challenges in future.

If you think your project and its finding meet this criteria, kindly respond in the format specified below by 4 November 2016.

Format for Selection

1. Title and Code of Project

2. Name, Email ID and mobile number of PI to be contacted



3. Significance of the study
4. Innovation shown and its future impact
5. Significant findings with relevance to global challenges
6. Why should your project be selected for the display?

The display will be in the form of a poster for which a certificate will be given.

Kindly attach documents to support your claim.

No entries will be entertained after the due date.

Sincerely,

Deepika Bhaskar  
Coordinator, Innovation Desk

--  
Dr. Ankita Dua  
Assistant Professor,  
Shivaji College,  
University of Delhi



## Reminder 1: Required bank account detail

Mon, Nov 21, 2016 at 11:27 AM

**Innovation Desk** <innovationprojects1516@gmail.com>

To: Shivaji College <shivajicollege.ac@gmail.com>

Cc: Innovation Desk <univofdelhi.innovations@gmail.com>, Shivaji Accounts Section <acc.sec.shivajicollege.ac@gmail.com>

Dear Madam,

The balance amount has to be returned in the form of a cheque in favour of Registrar, University of Delhi and submitted to Finance IX branch.

Regards

[Quoted text hidden]





**Re: SHC 303: Request for Reappropriation/Transfer of Rs. 75 547/-**

2 messages

Innovation Desk &lt;innovationprojects1516@gmail.com&gt;

Mon, Nov 21, 2016 at 11:19 AM

To: Sunita Singh &lt;sunitasingh@shivaji.du.ac.in&gt;, shivaji college &lt;Shivajicollege.ac@gmail.com&gt;

Dear Dr. Sunita,

As discussed with the Committee, the progress of the project appears promising, but there is no explanation and justification about the enhancement of the expenditure of the contingency and stationery head to the tune of Rs 75, 547/- . Glass bottles, plastic containers, ice bucket and gloves come under consumable head.

Till a proper justification is provided, the permission to re-appropriate cannot be given.

Regards

On 14 November 2016 at 14:51, Sunita Singh &lt;sunitasingh@shivaji.du.ac.in&gt; wrote:

Dear Madam,

This is in response to your mail received yesterday with reference to my request for the **re-appropriation of grant in Innovation project SHC 303.**

**Please find the following justification in support of the over expenditure made under Stationery and Contingency Heads of Innovation Project (Assessing Microbial Diversity of Yamuna Water: A Step Towards Environmental Restoration):**

1. The project involved sample collection from Yamuna River, which involved purchase of glass bottles, plastic containers, gloves and Ice bucket etc.
2. While going for sample collection on routine basis, the **Yamuna Awareness Campaigns** were also conducted to create awareness in which Yamuna water gets polluted and how it affects the day to day life. The inhabitants were sensitized with the ways they can contribute in keeping the Yamuna water clean by simply avoiding –Dumping of garbage and Immersing idols, flowers or dead bodies. They were also told about the high levels of toxic metals and coliform bacteria present in river and the ill effects of them on human health.
3. The students involved in project downloaded and maintained a file of the relevant Research Papers for reference. They were also given the PEN DRIVES & the stationery material as the project involved using Bioinformatic tools online.
4. The preliminary work on **WATER QUALITY APP** has been initiated, which will help in assessing the water quality with complete information awareness for the general public at lower price. The APP development at first stage required a large amount of data for which water samples were collected from different places and the respective analysis of parameters like pH, temperature, dissolved oxygen, total dissolved solids, hardness, residual alkalinity and chloride levels were done. **With finalization of UC and Project Report, this work has been stopped at the infancy stage.** A special permission in terms of duration and additional financial support from the Innovation Desk is requested.
5. To **maintain the record of the project 1 TB storage disk** was purchased by the PI.
6. The grant was also utilized for the payment of **Registration fee of PI's and the project students** in two International Conferences and one National Symposium participation.
7. The students working in INNOVATION PROJECT presented **one oral presentation and four posters** which included printouts of reference papers and printing of respective posters.

**Oral Presentation**

- **Assessing the Bioenergy using the Microbial Fuel Cell**  
2nd International Conference on Public Health: Issues, challenges, Opportunities, Prevention, Awareness organized at Jawaharlal Nehru University (JNU), New Delhi on 21<sup>st</sup> May, 2016.

**Posters Presentation by the students received THREE FIRST PRIZES** as follows:

- **Yamuna River A Toxicity Reservoir: Environmental Restoration Through Bioremediation Approach**  
International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness (Public Health: 2016) organized by Daulat Ram College, University of Delhi, New Delhi, India And Krishi Sanskriti, New Delhi, India from January 15-16, 2016.
- **Bioremediation: A step towards environmental restoration**  
National Symposium on Water and Air Quality in Urban Ecosystem organized by ECO CLUB SHIVAJI COLLEGE, University of Delhi, New Delhi, India on March 22, 2016.
- **Harnessing Electricity using MFC**  
National Symposium on Water and Air Quality in Urban Ecosystem organized by ECO CLUB SHIVAJI COLLEGE, University of Delhi, New Delhi, India on March 22, 2016.

I humbly request you to **kindly re-appropriate the amount of Rs.75 547/- (Seventy five thousand five hundred and forty seven rupees only)** from the sanctioned grant under **Equipment /consumables and Travel**.

If the committee needs any further explanation, I will be happy to provide.

With warm regards,

**Dr. Sunita Singh** (Pl. SHC 303)

Department of Biochemistry

Shivaji College (Accredited with NAAC A Grade), University of Delhi

On Mon, Nov 14, 2016 at 8:50 AM, Sunita Singh <sunitasingh@shivaji.du.ac.in> wrote:

Dear Madam,

This is in response to your mail received yesterday with reference to my request for the **re-appropriation of grant in Innovation project SHC 303**. I have sent a mail on **November 08, 2016** in support of the justification for the over expenditure of grant, I humbly request you to kindly consider (as below). If the committee needs any further explanation, I will be very happy to provide.

I do apologize for not taking a prior permission form the innovation desk for the re-appropriation of grant.

With warm regards,

**Dr. Sunita Singh**

Department of Biochemistry

Shivaji College, University of Delhi

## Request for the Re-appropriation of Grant

**Sunita Singh** <sunitasingh@shivaji.du.ac.in> Nov 8 (6 days ago)

to innovationproj.

Dear Madam,

This is in reference to my earlier request mail for the **re-appropriation of sanctioned grant under SHC 303** titled "**Assessing Microbial Diversity of Yamuna Water: A Step Towards Environmental Restoration**".

Please find the **justification in support of the over expenditure** made under Stationery and Contingency Heads:

1. The project involved sample collection from Yamuna river, which involved purchase of glass bottles, plastic containers, gloves and Ice bucket etc.
2. While going for sample collection on routine basis, the Yamuna Awareness Campaigns were also conducted to create awareness in which Yamuna water gets polluted and how it affects the day to day life. The inhabitants were sensitized with the ways they can contribute in keeping the Yamuna water clean by simply avoiding –Dumping of

garbage and Immersing idols, flowers or dead bodies. They were also told about the high levels of toxic metals and coliform bacteria present in river and the ill effects of them on human health.

3. The students involved in project downloaded and maintained a file of the relevant Research Papers for reference. They were also given the PEN DRIVES & the stationery material as the project involved using Bioinformatics tool online.
4. The grant was also utilized for the payment of Registration fee of PI's and the project students in two International Conferences and one National Symposium participation.
5. The students presented four posters which included printouts of reference papers and printing of respective posters.
6. The preliminary work on WATER QUALITY APP has been initiated, which will help in assessing the water quality with complete information awareness for the general public at lower price. The APP development at first stage required a large amount of data for which water samples were collected from different places and the respective analysis of parameters like pH, temperature, dissolved oxygen, total dissolved solids, hardness, residual alkalinity and chloride levels were done. With finalization of UC and Project Report, this work has been stopped at the infancy stage. A special permission in terms of duration and additional financial support from the Innovation Desk is requested.
7. To maintain the record of the project 1 TB hard disk was purchased by the PI.

I humbly request you to kindly **re-appropriate the amount of Rs.75547/-** (Seventy five thousand five hundred and forty seven rupees only) from the sanctioned grant of Equipment /consumables and Travel.

Thanking You,

**Dr. Sunita Singh** (PI -SHC 303)  
Department of Biochemistry  
Shivaji College  
(Accredited with NAAC A Grade)  
University of Delhi, Delhi

On Sun, Nov 13, 2016 at 2:45 PM, Innovation Desk <innovationprojects1516@gmail.com> wrote:  
Dear Dr. Singh,

There is no justification in your mail regarding why this huge amount was over spent in the two heads. There is also no detail of the money spent extra. There is also no indication in your project title which may show that it is a survey or travel based project which requires excess to be re-appropriated from other heads to these miscellaneous heads for which again a proper explanation will be required. What was the money spent on is not clear. There is also no prior approval of re-appropriation.

The Committee needs details before a final decision can be taken on your request.

Kindly submit at the earliest.

Regards

Deepika Bhaskar

On 4 November 2016 at 20:25, Sunita Singh <sunitasingh@shivaji.du.ac.in> wrote:  
Dear Madam,

I have successfully completed my sanctioned **University Innovation Project SHC 303** titled **Assessing Microbial Diversity of Yamuna Water: A Step Towards Environmental Restoration (Bioinformatics Applied in Bioremediation)**.

Please find the SHC 303 FINANCIAL SUPPORT details as follows:

Total amount sanctioned **Rs. 6 00 000/- (Six Lacs only)**

**Head**

<b>Equipments/Consumables</b>	<b>Rs. 52 525/- (Unspent Grant)</b>	
<b>Travel</b>	<b>Rs. 30 481 (Unspent Grant)</b>	<b>Total Amount:</b>
<b>Rs 83 006/-</b>		
<b>Stationery</b>	<b>Rs. 46 891/- (OVER SPENT)</b>	
<b>Contingency</b>	<b>Rs. 28 656/- (OVER SPENT)</b>	<b>Total Amount:</b>
<b>Rs 75 547/-</b>		

I request you to kindly reappropriate /transfer the amount of Rs.75 547/- from Equipment/consumables and Travel

Heads to meet the over expenditure done under Stationery and Contingency Heads.

I will be highly grateful for an early confirmation as the due date of UC submission is 5 November, 2016.

Thanking You,

**Dr. Sunita Singh**

Department of Biochemistry

Shivaji College, University of Delhi

**Shivaji College** <shivajicollege.ac@gmail.com>  
To: Shivaji Accounts Section <acc.sec.shivajicollege.ac@gmail.com>

Mon, Nov 21, 2016 at 11:22 AM

[Quoted text hidden]



A meeting of the members of the CRC was held on January 18, 2018, at 2:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor - Ak
- Dr. Anuradha Mal - Anuradha Mal
- Dr. Tejbir Singh Rana - Tejbir Singh Rana, 18/1/18.
- Dr. Sunita Singh - Sunita
- Dr. Darshan Malik (Convener) - Darshan Malik, 18/1/18

The following was discussed:

1. The members were informed that Dr. Priyanka was granted funds for two projects.
  - i. A grant of Rs. 19.08 Lakhs was received from SERB for the project on 'Design and analysis of sensitive characteristics on successive occasions and its characteristics'
  - ii. A grant of Rs. 10.89 from UGC, Delhi for the project on 'Search of Good Rotation Patterns on Successive Occasions and its Applications.'
2. The committee decided to motivate the faculty members to write projects and also undertake research guidance.
3. It was decided to apply for DBT star college Scheme and ask Dept of Physics, Botany, Biochemistry, Zoology and Chemistry to write the proposal.
4. The committee decide that Dr. Darshan Malik will be the coordinator of Star College Scheme.

Anuradha Mal






Darshan Malik  
18/1/18

Tejbir Singh Rana  
18/1/18.

Sunita  
18/01/2018

Ak

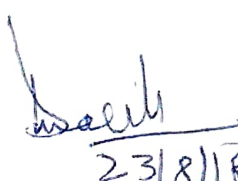


A meeting of the members of the CRC was held on August 23, 2018, at 2:00 PM in the committee room. The following members were present:


- Dr. Anita Kapoor 
- Dr. Anuradha Mal 
- Dr. Tejbir Singh Rana  - 75<sup>th</sup> min. Sing. Rana. 23/8/18.
- Dr. Sunita Singh 
- Dr. Darshan Malik (Convener) 

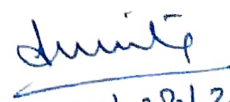
The following was discussed:

1. The committee received the letter of Dr. Sunita Gupta for ethical clearance of her DBT sponsored project “ To record the seasonal variation of invertebrate biodiversity in the riparian zone of Yamuna river in Delhi/NCR region using foldoscope as a research tool.
2. The committee decided to hold the meeting with ethical committee.
3. The committee decided that the PI should give in writing that no life form will be killed or hurt during the work and no life form will be preserved in the laboratory.
4. The committee decided to invite members of Ethical committee :Dr. Arunveer Singh, Dr. Manjula Singh. Dr. Sunita Gupta, Dr. Parul Kulshreshtha and the convener Dr. Anita Kapoor.

The meeting ended with a note of thanks.

 23/8/18  
  


 75<sup>th</sup> min. Sing. Rana. 23/8/18.

 23/08/2018

A meeting of the members of the CRC was held on February 25, 2019, at 1:00 PM in the committee room. The following members were present:

- Dr. Anita Kapoor AK
- Dr. Anuradha Mal Anuradha Mal
- Dr. Sunita Singh Sunita
- Dr. Darshan Malik (Convener) Darshan Malik  
25/2/19

The following was discussed:

1. The committee was happy to note that the proposal submitted under Star College Scheme was approved and the Task Force recommended financial support for all the four departments ie Biochemistry, Botany, Chemistry and Zoology, under the strengthening component of Star College Scheme.
2. The committee decided that the Star College Scheme activities will be supervised by the coordinator of the Star College Scheme.
3. The committee decided to urge the Conveners and Co-Conveners of the four departments to begin the preparations for carrying out activities proposed under Star College Scheme.
4. The committee decided to further encourage the faculty members to submit research proposals to different agencies.

The meeting ended with a note of thanks.

Darshan Malik  
25/2/19

AK





Anuradha Mal

Sunita

## Minutes of the meeting

August 12, 2019

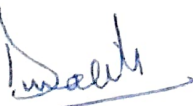
A meeting of the members of the CRC was held on August 12, 2019, at 1:00 PM in the committee room. The following members were present:

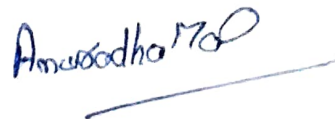
- Dr. Anita Kapoor 
- Dr. Anuradha Mal 
- Dr. Sunita Singh 
- Dr. Darshan Malik (Convener) 

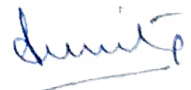
The following was discussed:

1. The Committee was also happy to note that Dr. Priyanka Kumari received fund of R. 6.6 Lakh from SERB, New Delhi, for her project titled 'Development of Tuned Estimation Methodologies for modeling Non Sampling Errors in Survey Sampling.
2. The financial support amounting to 82 Lakhs was sanctioned for three years by DBT, Government of India, under the Star College Scheme. Details of the budget attached.
3. The committee decided to remind the Conveners and Co-Conveners of the four departments to begin the preparations for carrying out activities proposed under Star College Scheme.
4. It was decided to inform the Conveners and Co-Conveners that all the activities/papers/ presentations of these four departments will be carried out under the aegis of DBT sponsored Star College scheme, and should be duly acknowledged.

Meeting ended with a note of thanks.

  
12/2/19







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