



# SLC (University of Delhi) Shyam Lal College

INSTITUTION'S INNOVATION COUNCIL(IIC)

invites students for

Idea/PoC Pitching & Validation and Institute Level  
PoC (Proof of Concept) Competition

Benefits for Student Participants :

- Receive Mentorship and Guidance
- Receive Training and Exposure
- A chance to be a part of IIC, SLC
- Participation Certificates will be provided to shortlisted PoC teams

Teacher Coordinators:

Mr Balram Kindra  
Dr Sunny Aggrawal  
Dr Neha Bothra

"Best 5 ideas will be nominated to Innovation Cell, MoE Contest at National Level"

Register on this link available on college website to share your idea with us

<https://forms.gle/VeSWz7jBB2Xie1qPA>

Latest by December 24, 2020

For any query Contact

- 1) Rajat Pandey 7982522978
- 2) Tanishka Mehrotra 7906123030
- 3) Sneha Jain 8586905207

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iic.slc

Innovation Cell -Shyam Lal College

Innovation Council, SLC (@ICSLC)

Dr. Monika Goyal  
(Convenor, IIC)

Prof. Rabi Narayan kar  
(Principal)

## *Call for Idea/PoC Pitching!*

IIC, Shyam Lal College, University of Delhi takes immense pleasure in announcing a **PoC competition** inviting you to **National Innovation Contest (NIC)**. IIC, SLC has opened the registrations for students with *Idea/PoC( Proof of Content) Pitching & Validation and Institute Level PoC Competition*.

## *National Innovation Contest*

NIC intends to inculcate the Innovation based learning. Hence, the primary objective of NIC is :

1. To motivate and guide students towards innovation-based learning.
2. To boost creativity and knowledge of students.
3. To enhance the level of peer group learnings.
4. To find solutions to problems with the help of Innovation.
5. To give a due consideration to Innovation based solutions and not just by traditional methods.

## *Broad Themes*

The Idea may revolve around the following themes. However, this list is merely broadly categorized. Any other Ideas of Emerging areas of Innovation/Start-up may also be considered.

1. Healthcare & Biomedical devices.
2. Agriculture & Rural Development.
3. Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
4. Food Processing/Nutrition/Biotechnology
5. Robotics and Drones
6. Waste management/Waste to Wealth
7. Clean & Potable water
8. Renewable and affordable Energy

9. IoT(Internet of Things) based technologies (e.g. Security & Surveillance systems etc.)
10. ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, Artificial Intelligence and Machine Learning.

## *Description*

The participants need to validate the idea that the product or business idea has a potential. The most critical assumptions regarding the idea are valid or not would be:

- To organize an Institute level Idea/PoC competition
- To invite Ideas / PoCs from students
- To submit Ideas/PoCs on National Innovation Contest page of MIC as per guidelines of contest.

## *Benefits for participants/students*

The **BEST FIVE** ideas will be nominated to Innovation Cell, Ministry of Education contest at National level. However, the participants would be availing the following benefits as well.

1. Participants would receive Mentorship and Guidance.
2. They would also get the relevant Training and Exposure.
3. A chance to be a part of IIC, SLC.
4. Participation Certificates would be awarded to all the members of the shortlisted PoC team.

# Guidelines and Evaluation Criteria Sheet

<b>Proof of Concept (PoC) Title:</b>			
<b>Team Leader Name:</b>		<b>Email:</b>	
<b>PoC Type: (Multiple Select, Tick Appropriate)</b>		<b>Contact no:</b>	
<input type="checkbox"/> Introduction of new or improved services <input type="checkbox"/> Introduction of new method of production/ process <input type="checkbox"/> Opening of new market <input type="checkbox"/> Exploration of a new source & supply <input type="checkbox"/> Reengineering/ organization of business management process		<b>Theme Name:</b>	
<b>Sl. No.</b>	<b>Parameters</b>	<b>Total Marks</b>	<b>Marks Obtained</b>
1.	<b>Relevance and Validation of Problem &amp; Solution</b>	<b>15 Marks</b>	
	<b>(a)</b> Is the proposed Solution/Concept having ability (is effective) to address the Identified problem to a major extent?	<i>10 Marks</i>	
	<b>(b)</b> Is the proposed Solution/Concept considered to be one of the best alternatives (or) Only Solution to the Identified Problem?	<i>5 Marks</i>	
2.	<b>Feasibility of solution (SMART)</b> (to Check the appropriateness of the proposed solution)	<b>25 Marks</b>	
	<b>(a) Specific-</b> Does the PoC set the objectives and delineate the objectives of solutions?	<i>5 Marks</i>	
	<b>(b) Measurable-</b> Does the PoC explained the approach or method with milestones to achieve objectives mentioned above to develop the Solutions?	<i>5 Marks</i>	
	<b>(c) Attainable-</b> Does the solution with objectives and millstones provided by PoC team is attainable/doable if enough time and resources will be provided?	<i>5 Marks</i>	
	<b>(d) Realistic-</b> Does the solution with objectives and millstones provided by PoC team is attainable in the time, with available resource and skill set of the team?	<i>5 Marks</i>	
	<b>(e) Timeline-</b> Does the time period for millstones give is realistic and level of confidence of the team to complete the stages to reach prototype/Innovation in the given time period. (TRL 2 or TRL 3 in 2-3 months)	<i>5 Marks</i>	
3.	<b>Applicability of Solution</b>	<b>10 Marks</b>	
	<b>(a)</b> Usability: Level of acceptance of Solution/Features among target group	<i>2.0 Marks</i>	
	<b>(b)</b> Scalability: Adoption Potential of Solution as Business Model/Startup	<i>2.0 Marks</i>	
	<b>(c)</b> Economic Sustainability: Potential of solution to Become profitable or financially viable	<i>2.0 Marks</i>	
	<b>(d)</b> Environment Sustainability: Potential of solution to become environment friendly or address environment problems	<i>2.0 Marks</i>	
	<b>(e)</b> Existence of Intellectual Property Component, if any?	<i>2.0 Marks</i>	
<b>Total</b>		<b>50 Marks</b>	

## Important Note:

- IIC-institute and members are requested to disseminate and encourage students to take part in the submission of PoCs for the solutions developed for the problem encountered/identified by students during their visits to Society, market industry etc.
- Please note that submissions of solutions or PoCs developed for the problems for various programs such as internal Hackathons and other campus



hackathons/competitions can be considered.

- Ideas submitted at Ideation Stage with a minimum score of 25 or above (as per the evaluation criteria provided to evaluate ideas) can be considered for PoC level participation. ***i.e. IIC, SLC can upgrade/select the ideas for PoC level.***
- If any interested students' teams have not participated at Idea Level, still they can participate. If student team have developed PoC and want to participate directly at PoC level can submit their Solution/PoC directly at PoC stage.
- PoC may be technical and (or) non-technical solution of an Idea and can be fit into anyone or multiple themes and can be fit into different PoC types (as given in evaluation page).
- No limit on number of PoCs and student teams and team size. No gender reservation but gender balance is encouraged.
- Above evaluation criteria can be used to evaluation and PoCs and Pocs which receives a minimum score of 25 or above can be considered for the next level (Prototype/innovation level).

## *Eligibility and Registration*

Any Student who is currently enrolled in any course of SLC may register online

(<https://forms.gle/VeSWz7jbB2Xie1qPA>) for the Competition. The last date to apply is

**December 24, 2020.** For any further query, contact:

- 1) Rajat Pandey : 79825 22978
- 2) Tanishka Mehrotra : 79061 23030
- 3) Sneha Jain : 85869 05207