

Minutes of the Meeting of Academic Year 2023-24, O2 Institution's Innovation Council Meeting, 29th December, 2023

Opening:

The Second Quarter IIC meeting of the year 2023-24 was in session at 11:30 AM on 29th December 2023 at Seminar Hall, S.o.S in Electronics & Photonics, PRSU, Raipur.

Presided by: **Prof. Sachchidanand Shukla**

Convened by: **Dr. Kavita Thakur**

Following are Presentees:

S. No	Name of the Member	Member Type	Key Role/Position Assigned in IIC
1.	Prof. Sachchidanand Shukla	Vice-chancellor	Chairperson
2.	Prof. Kavita Thakur	Faculty	President
3.	Dr. Deependra Singh	Faculty	Coordinator
4.	Dr. Govind Prasad Sahu	Faculty	Member
5.	Dr. Ambar Vyas	Faculty	Member
6.	Dr. Indrapal Karbhal	Faculty	Member
7.	Prof. Kallol K Ghosh	Faculty	Special Invitee
8.	Prof A K Shrivastav	Faculty	Special Invitee
9.	Prof Keshav Kant Sahu	Faculty	Special Invitee
10.	Mr. Dilip Mohanty	Chairman, HRM, Jaiswal NECO, Raipur	External Member
11.	Prof. Hulas Pathak	In-Charge Agribusiness Incubator Centre, Indra Gandhi Agriculture University	External Member
12.	Shri Sanjeev Jain	Advisor CREDA, Raipur	External Member
13.	Mr. Rahul Mishra	Chairperson VGEL advisory board member, Austin University	External Member
14.	Dr. Amit Dubey	Patent Specialist	External Member
15.	Kshama Sengar	SBI	External Member
16.	Ms. Ritu Jain	Ex- Student/Entrepre neur of Host Institute	External Member
17.	Ms. Neha Dewangan	Student	Member

The agenda of the meeting is as follows:

- Overview of IIC PRSU by President.
- Activities Proposed in 2nd Quarter 2023-24 (December-February).
- Activities Proposed in 3rd and 4th Quarter 2023-24 (March-May and June-August).
- Discussion about plan/roadmap for 03 quarters of session 2023-24.
- Any other matter with the permission of the chair.

The minutes of the meeting are as follows:

1. The session started with a gracious greeting and welcome to all the members and guests present in the meeting by the faculty member of IIC, Dr. Govind Prasad Sahu introducing all the external members and special invitees in the meeting.
2. Prof. Kavita Thakur, President of the Institute Innovation Council, Pt. Ravishankar Shukla University (IIC PRSU) gave a presentation to highlight various activities done under the council in the previous calendar year 2022-2023. She informed that in the previous calendar year, 16 activities have been organized in the university including national conferences, workshops, celebrations of important days (e.g. world entrepreneurs' day, etc.), industry technical visits, impact lectures, etc. She informed the council that IIC-PRSU got a one-star rating and a letter of appreciation for the calendar year 2022-2023. She emphasized active roles for both internal and external members to ensure effective collaboration and activities to enhance the star rating of IIC-PRSU in the current calendar year. She updated the council regarding activities done so far for the calendar year 2023-2024. In the first quarter, 19 activities have been organized.
3. Prof. Sachchidanand Shukla, Vice Chancellor, Pt. Ravishankar Shukla University, Raipur, emphasized the central goal of the IIC PRSU to foster a culture of innovation among students. He assured that a fully functional section 8 company will be established to achieve the goals of IIC PRSU. He emphasized innovation, research, productivity, skill, and ability enhancement of students under the IIC-PRSU. He inspires IIC to follow an annual activity calendar and to design programs that leverage expertise from different domains.
4. Dr. Deependra Singh (Coordinator, IIC PRSU) invited and interacted with the external members.
5. Special invitee faculty members of the university Prof. Kallol K Ghosh, Prof. A.K. Shrivastava, and Prof. K. K. Sahu shared their valuable thoughts for enhancing productivity and attaining the goals for IIC PRSU.
6. Mr. Dilip Mohanty, Chairman, HRM, Jaiswal NECO, Raipur expressed his perspective, noting that the IIC should connect people from finance and industry to nurture budding entrepreneurs. He expressed his support for sponsoring students of the university for industrial visits. He also encouraged organizing soft skill/training workshops for students to enhance the employability of the students. He expressed financial assistance from the NECO for such workshops. He suggested to invite successful entrepreneurs to demonstrate their business models among students. He stressed industry-academia interaction and suggested that people from the industry should also be invited as resource persons and guests in the training and workshop programs. He also suggested inviting and exploring collaboration with bankers and getting financial support as CSR.
7. Mr. Sanjeev Jain said that global warming, climate change, and environmental and energy literacy are very hot topics today. Lots of activities are being undertaken by different ministries. He offered his generous support to organize the energy-environment literacy program. He suggested to educate and train students to participate in various programs by

the Ministry in different sectors like e-mobility, green hydrogen, etc. He suggested that industry academy interactions must be increased with industry exposure to students. With the collaboration of CREDA, he pledged his support to organize various activities such as awareness programs, power generation plant visits, and exposure to renewable energy sectors. He emphasized that energy storage and green hydrogen are new avenues for the next generation, and students should be motivated to explore opportunities in these sectors under the umbrella of IIC PRSU.

8. Mr. Rahul Mishra also emphasized industry-academic collaboration and collaborations with international universities like universities from Singapore, Malaysia, and Australia for student/faculty exchange and joint certification programs. He urged that there are potential opportunities in niche areas of sports entrepreneurship, fashion entrepreneurship, and rail entrepreneurship.
9. Prof. Hulas Pathak emphasized the basic and allied sciences research in the university can be pulled as a technological database for the convergence with the applied innovation that can take place in various sectors, e.g. in agriculture. He suggested taking the lead in creating an internal pipeline of students for idea generation through events like ideathon, hackathon, etc. These students will be future-ready entrepreneurs with their innovative ideas for solutions to the problems society is facing at large. He pledged his support to the IIC PRSU and the university with his experience and wisdom in the field of incubation.
10. Dr. Amit Dubey shared that DST, the Government of India is formulating an STI ecosystem. STI ecosystem includes Idea generations from a multi-disciplinary approach which should be practical and implementable for the societal benefits. He suggested linking academia with the industry so that inputs can be sought from the industry. He also suggested the exposure of students to industry and market and the formulation of interdisciplinary approaches for idea generation by the students. We should have a mentor pool to guide the students in idea generation and incubation of their ideas. Documentation and preservation of these ideas in the form that can be later upgraded and formulated in the form of projects. He pledged his support for IPR-related matters in the form of patents, copyrights, etc.
11. Dr. Amber Vyas updated the council that the section-8 company establishment is under process and very soon it will be established. He also informed the council that opportunities are being explored for getting financial assistance to the section-8 company from various government agencies.
12. Prof. Kavita Thakur acknowledged the presence of numerous ideas and expressed sincere appreciation to all the attendees, assuring that every idea had been duly recorded. She concluded by emphasizing the commitment to enhance the IIC's impact and effectiveness.
13. Dr. Laxmi Kant proposed the vote of thanks to all the participants in the meeting for their valuable time and insightful ideas.

Adjournment:

The meeting was adjourned at 02:00 PM on 29th December 2023 with vote of thanks by convener along with the important dates of activities. The members unanimously selected the following activities, the details of which is given below.



Signature

(President)

IIC Calendar Activity (PRSU, Raipur)

Quarter II

S.No.	Activity	Co-Ordinator	Thrust Area
1.	IIC Council formation or upgradation (of existing council) at Institute level, conduct council meeting.	Dr. Kavita Thakur	Validation and Concept Development
a.	Workshop on Design Thinking, Critical thinking and Innovation Design	Dr. Kavita Thakur & Dr. Laxmikant Choure	
b.	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community	Dr. Kavita Thakur & Dr. Amber Vyas	
c.	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	Dr. Kavita Thakur & Dr. Indrapal Karbhal	
d.	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer	Dr. Kavita Thakur & Dr. Govind Sahu	
e.	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support	Dr. Kavita Thakur & Dr. Laxmikant Choure	
f.	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit	Dr. Kavita Thakur & Dr. Y.K. Mahipal	
g.	Field/Exposure Visit to Pre-incubation units such as Idea Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	Dr. Kavita Thakur & Dr. Deependra Singh	
h.	Organize an Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward Best Innovations.	Dr. Kavita Thakur & Dr. Govind Sahu	
2.	National Pollution Control Day	Dr. Kavita Thakur	
3.	National Energy Conservation Day	Dr. Kavita Thakur	
4.	National Youth Day	Dr. Kavita Thakur & Dr. L.S. Gajpal	
5.	National Startup Day	Dr. Kavita Thakur	
6.	National Science Day	Dr. Kavita Thakur & Dr. Sanjay J. Daharwal	
7.	Vikshit Bharat@2047	Dr. Kavita Thakur	



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Signature
(President)

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