



Sindhi Hindi Vidya Samiti's Dada Ramchand Bakhru Sindhu Mahavidyalaya “Navriti” An Innovation and Incubation Cell

Report First Brain Storming Session for Interaction with Students

The Institution Innovation and Incubation Cell (Navriti), aims to foster an ecosystem that supports the innovation culture in educational institutions. The cell encompasses the entire journey from idea development to pre-incubation, incubation, and eventually graduating as successful start-ups. This brain storming session is for interaction with students, explain them about the concept of innovation and incubation, how to work and how that work can be executed conducted on dated 13/09/2023. This brain storming session conducted by Dr. Himani C. Pandhurnekar Cell I/C, Dr. Pooja R. Mohobe, Ms. Babita G. Yadao and Dr. Doyel M. Bhattacharya (Mentors). The cell vision is to nurture creativity, critical thinking, idea generation, and entrepreneurial capacities among students, translating unique ideas into prospective enterprises for societal advancement. Their mission includes fostering an innovative culture within the institute, providing necessary laboratories, infrastructure, and mentoring for students to prepare them for national/international Challenges/championships, and enhancing multidisciplinary research and innovation. The brainstorming session likely involved discussions on fostering multidisciplinary connections, improving communication, business, management, leadership, team spirit, and complex problem-solving skills among students. It also emphasized raising awareness of intellectual property rights and promoting their enforcement.



In-charge Innovation & Incubation Cell

Dr. Himani C. Pandhurnekar



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Report Second Brain Storming Session to Discuss the Innovative Ideas and Planning to Executed the Work

The second brain storming session was conducted for students, to explain them about the concept of innovation and incubation, planning of work and how that work can be executed on dated 26/09/2023. This brain storming session was conducted by Dr. Himani C. Pandhurnekar Cell I/C, Dr. Pooja R. Mohobe, Ms. Babita G. Yadao and Dr. Doyel M. Bhattacharya (Mentors). The cell's aim is to develop students' creativity, critical thinking, idea development, and entrepreneurial skills, transforming unique ideas into viable businesses for societal advancement. Their aim includes creating an inventive culture inside the institute, providing students with the appropriate facilities, infrastructure, and mentoring to prepare them for national/international challenges/championships, and promoting transdisciplinary research and innovation. A brainstorming session is a collaborative effort to generate new ideas and plan their implementation. Here is an organized technique to organizing a successful brainstorming session:

Preparation: Set explicit session objectives and ensure that all participants have the required background information.

Problem Pitch: Clearly state the problem or challenge at hand to help focus brainstorming efforts.

Idea Generation: Encourage individuals to share their thoughts freely and without judgment. To maximize creativity, focus on quantity rather than quality.

Open Discussion: Combine and refine the ideas generated to create actionable solutions.

Conclusion: Summarize the session's results and pick the most intriguing ideas to investigate.

Follow-up: Assign tasks and establish timetables for implementing the chosen ideas.

Idea Execution: Begin the process of making the chosen ideas a reality, tracking progress, and making changes as needed.

Feedback Loop: Following execution, collect feedback to evaluate the effectiveness of the solutions and inform future brainstorming sessions.



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The brainstorming session is become success as this student feel very comfortable and, they shared their views and all ideas are which was welcomed by mentors and further it can be examined. This session provides additional insights for guiding a student and that encourages creativity leads to innovative problem-solving.



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Report Second Brain Storming Session to Discuss “How to Write Ideas” by Students

The third brain storming session was conducted for students, to explain them about the how to write the ideas of students, what protocol followed for writing and how to plan the work for execution on dated 09/01/2024. This brain storming session was conducted by Dr. Himani C. Pandhurnekar Cell I/C, Dr. Pooja R. Mohobe, Ms. Babita G. Yadao and Dr. Doyel M. Bhattacharya (Mentors). The cell's aim is to develop students' creativity, critical thinking, idea development, and entrepreneurial skills, transforming unique ideas into viable businesses for societal advancement. Brainstorming is a creative problem-solving process that produces new and original ideas for fixing a problem or improving a product, organization, or strategy. It frequently occurs in an informal, easygoing setting in where participants freely discuss their ideas and explore a wide range of options. The aim of these session is how students can write their ideas, which protocol they must follow, how they will prepare a report on their experimental work, how they will start their work and followed by which type of procedure, their observation, calculations etc.

Steps Involved in Writing:

Preparation of Plan: What steps to be followed in writing the ideas.

Aim & objectives should know the students of their work.

Students know their required background information about their work.

Open Discussion with students for explaining the procedures and all experimental work.

The brainstorming session was a success since this student felt quite comfortable and offered their opinions and ideas, which were all appreciated by mentors and may now be explored for writing. This session offers new insights for coaching a student and stimulates originality, which leads to innovation in their writing skills.



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Dr. Himani C. Pandhurnekar



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Report on Guest Lecture on the topic “Incubation and Innovation: Nurturing Ideas for a Brighter Tomorrow”

The "Navriti"- Innovation and Incubation Cell at Dada Ramchand Bakhru Sindhu Mahavidyalaya dedicated its efforts throughout the year to nurture students' ideas, aiming to incubate and refine them. The focus was on fostering brainstorming sessions, offering essential support, resources, and guidance to help turn those initial sparks of creativity into significant ventures. The guest lecture conducted by the innovation and incubation cell was a significant event aimed at enriching the entrepreneurial ecosystem within educational institutions. The guest for the lecture was conducted on the topic “Incubation and Innovation: Nurturing Ideas for a Brighter Tomorrow” by Dr. Ashish Kumar Jha Associate Professor & Head Hislop College, Nagpur on 27th September, 2023 at 12.00 pm at college auditorium in the presence of Principal Dr. V.M. Pendsey, Vice Principal Dr. S.V. Tewani, Dr. Mukesh Kaushik and Dr. M.M. Shinkhede, IQAC Co-ordinator Dr. Y. V. Bhute and saw participation from both students and faculty members. He interacts with our students and faculties also and explain the concept of innovation and incubation. The event included interaction with students and valuable guidance from the Guest Dr. Ashish Kumar Jha. The guest lecture aimed to encourage students to develop innovative projects and models. The aim of guest lecture is to foster creative thinking and innovative ideas among students. The events are part of a broader initiative to promote innovation and entrepreneurship among students, providing them with the necessary knowledge and skills to succeed in their research and entrepreneurial endeavors.



Ms. Babita G. Yadao
Event I/C

In-charge Innovation & Incubation Cell
Dr. Himani C. Pandhurnekar



Sindhi Hindi Vidya Samiti's Dada Ramchand Bakhru Sindhu Mahavidyalaya “Navriti” An Innovation and Incubation Cell

Report on Workshop on the topic “Workshop on Environmentally Sustainable Startups”

The "Navriti"- Innovation and Incubation Cell at Dada Ramchand Bakhru Sindhu Mahavidyalaya dedicated its efforts throughout the year to nurture students' ideas, aiming to incubate and refine them. The focus was on fostering brainstorming sessions, offering essential support, resources, and guidance to help turn those initial sparks of creativity into significant ventures. The workshop conducted by the innovation and incubation cell was a significant event aimed at enriching the entrepreneurial ecosystem within educational institutions. The workshop was conducted on the topic “Workshop on Environmentally Sustainable Startups” by Ms. Divya Gehani, Assistant Department of Commerce and Management Smt. Ushaben Chandrakant Thakkar Women’s College, Nagpur on UG final year students on 7th March, 2024 of session 2023-2024. Raw materials used for preparation of soap were the soap base, various colors to be used, aloe vera gel, coffee, turmeric, Multani mitti and saffron. Whole process of preparation of soap were told and demonstrated to the participants. She interacts with our students and faculties also and explain the concept of hand making herbal soap. The workshop covered fundamental techniques, from selecting base ingredients to mastering the art of scent blending. Participants were introduced to the chemistry behind soap making and gained practical insights into creating personalised soap bars. The engaging session allowed attendees to experiment with a variety of natural additives, fragrances, and colouring agents, promoting a holistic understanding of the soap-making process. Ms. Divya Gehani shared tips on sustainable practices and the use of eco-friendly materials, aligning with the growing trend of environmentally conscious crafting. Attendees expressed enthusiasm for the workshop’s hands-on approach, emphasising the importance of such student development events in fostering creativity and skill-sharing. Many participants left the workshop with the idea of trying to make handmade soaps in future surely. The success of this soap-making workshop highlights the student development forum to embrace artisanal crafts and sustainable practices. The workshop is part of a broader initiative to promote skill in making herbal soaps and entrepreneurship among students, providing them with the necessary knowledge and skills to succeed in their research skill and entrepreneurial endeavors.



Dr. Doyal M. Bhattacharya
Event I/C

Dr. Himani C. Pandhurnekar
In-charge Innovation & Incubation Cell



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Report on Guest Lecture & Poster Competition on 'Water Conservation Day'

The "Navriti"- Innovation and Incubation Cell of Dada Ramchand Bakhru Sindhu Mahavidyalaya worked tirelessly throughout the year to nurture students' ideas, incubating, and refining them. The Innovation & Incubation Cell, in collaboration with the Chemical Society, Department of Chemistry, conducted the Poster Competition on 'Water Conservation Day' on March 22, 2024. The sole goal of the science poster competition held on 'Water Conservation Day' is to raise awareness about the importance of water and instill a scientific mindset in the next generation, allowing them to recognize the interconnection of science, technology, and society. The Poster Competition provides a platform for students and teachers to learn from one another's experiences and be inspired to build and produce something new and original. The primary goal of the Poster Competition is to inspire students to take an active role in science education by conducting and presenting their own scientific investigations and breakthroughs in public. Dr. M.M. Shinkhede, Vice-Principal, and Chief Guest Dr. Ritesh Singh, Senior Chemist, Thermal Power Plant, Khaperkheda, inaugurated the event at 3.00 pm in college auditorium. The event began with a guest presentation by the lecture on 'Water Conservation' and was followed by a poster competition. The B.Sc students who participated in the competition exhibited and described in detail the exhibits and posters they had prepared to other students, faculty, and guests who came to view the poster competition. The winners of the poster competition are Ms. Rukhmini Kohad (1st Prize), Ms. Tina Kumbhare & Ms. Samiksha Pise (2nd Prize), Ms. Dilpreet Kaur Biji (3rd Prize) and Ms. Ashmeera Khan (Consolation Prize).



Dr. Doyel M. Bhattacharya
Event I/C

Dr. Himani C. Pandhurnekar
In-charge Innovation & Incubation Cell



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Report on Model-Making Workshop on Theme "Build it Up"

The "Navriti"- Innovation and Incubation Cell of Dada Ramchand Bakhru Sindhu Mahavidyalaya worked tirelessly throughout the year to nurture students' ideas, incubating and refining them. The emphasis was on encouraging brainstorming sessions and providing critical assistance, tools, and coaching to help turn those early sparks of inspiration into successful companies. The workshop hosted by the innovation and incubation unit was a key event aimed at improving the entrepreneurial ecosystem within educational institutions. On April 23, 2024, the Innovation & Incubation Cell and Chemical Society held a model-making workshop with the subject "Build it Up" in honor of Max Planck's birth anniversary. The goal of the event is to stimulate students' creative expressions while also assessing their understanding of innovation. In this competition, students created eco-friendly models to promote green technologies. Students from various programmes demonstrated their abilities in an imaginative and instructive manner. Models were created on current themes to discuss new trends and systems. The kids employed unique eco-friendly concepts to create their models, utilizing less material to demonstrate their inventiveness. Students were enthused when our Judges, Dr. M.M. Shinkhede, Vice Principal DRBSMV, and Mr. Amit Chaudhary, Lecturer Department of Chemistry Junior College, DRBSMV, made key suggestions and congratulated them on their efforts in creating models and describing their models to them. The tournament was organized with the goal of instilling interest in science and fostering a competitive spirit among pupils. It was also a hands-on learning platform, allowing students to exhibit their own science models. The winners of the **Model-Making Workshop** competition are Ms. Alisha Dongre & Sukhada Inamdar (1st Prize), Mr. Priyanshu Nintnaware & Ms. Mahek Bawangade (2nd Prize) and Mr. Ahsan Qureshi (3rd Prize).



Dr. Doyel M. Bhattacharya
Event I/C



Dr. Himani C. Pandhurnekar
In-charge Innovation & Incubation Cell