

Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan (HP) 173230
Directorate of Research

Proceeding of Screening Committee Meeting of startup applications under “Chief Minister’s Startup/Innovation Projects/New Industries Scheme” held on 12.02.2018 at Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan.

Following were present in the meeting;

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| 1. Sh. Manoj Chauhan, GM DIC, Solan, Nominee of Director Industries, Govt. of Himachal Pradesh. | Member |
| 2. Dr Kulwant Rai Sharma, Prof. & Head, Department of Forest Product, UHF, Nauni, Solan. | Member |
| 3. Dr Anju Dhiman, Prof. & Head, Department of FST, UHF, Nauni, Solan. | Member |
| 4. Dr Krishan Kumar, Prof. & Head Department of Business Management. | Member |
| 5. Dr Devina Vaidya, Principal Scientist cum Tech. Mentor, Department of FST, UHF, Nauni, Solan | Member |
| 6. Ms Neha Chauhan, Manager, DIC, Solan. | Invitee |
| 7. Dr Manoj Kumar Vaidya, Joint Director Research cum Nodal Officer Incubation Centre, Directorate of Research, UHF, Nauni, Solan. | Member
Secretary |

Invited applicants of Innovation/Startup projects for their presentation

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| 8. Ms Manju Nagpal, CEO, and Mr Bansal, Theranext, Patent and Invention Commercialization Centre (PICC), F-213, 4 th Floor, 1A, Phase 8 B, Sector 74, SAS Nagar Mohali-160051 Punjab. | Startup Project |
| 9. Dr Sweta Sen, CEO, Y-Food India, Patent and Invention Commercialization Centre (PICC), F-213, 4 th Floor, 1A, Phase 8 B, Sector 74 SAS Nagar Mohali-160051 Punjab. | Startup Project |

At the onset of the meeting the General Manager, DIC, Solan as Chairman of the Screening Committee welcome all the committee members and applicants of Innovation Project/Startup Project who were invited for presentation of their proposals for evaluating the feasibility of their projects. Thereafter Nodal Officer of Incubation Centre presented the details of the applicants and submitted to the Screening Committee for screening.

- The Director of Industries, Govt. of Himachal Pradesh, Shimla has sponsored four numbers of startup applications under “**Chief Minister’s Startup/Innovation Projects/New Industries Scheme**” to Incubator Centre of this University after approval of their Screening Committee in its 5th meeting held on 18.11.2017 for providing assistance through the incubator set up. The details of proposals are as under:

Sr. No.	Name of innovator	Nature of innovation project
1.	Dr Sweta Sen, CEO, Y-Food India, Patent and Invention Commercialization Centre (PICC), F-213, 4 th Floor, 1A, Phase 8 B, Sector 74 SAS Nagar Mohali-160051 Punjab.	Food processing
2.	Ms Manju Nagpal, CEO, Theranext, Patent and Invention Commercialization Centre (PICC), F-213, 4 th Floor, 1A, Phase 8 B, Sector 74 SAS Nagar Mohali-160051 Punjab.	Food Processing (Value addition of food grade gum from pine tree for use in dosage/medicines)
3.	Mr Ajay Sharma, Vill. Badia, Distt. Hoshirpur, (Punjab)	Pharmaceutical and agrochemical low cost production of cyclohexanones a precursor.
4.	Mr Puneet Sharma	Cold Storage and food processing (Apple and local vegetables)

- I. In context to the above, all persons were contacted by post, email and telephone to submit their proposals, so that can be evaluated and present to screening committee. Out the four applications only two turned up with their proposals mentioned at SL. No. 1 and 2.
- II. As per the proposal of incubators, these were sent to the concerned specialists and to business and marketing mentors to evaluate and review the proposals and discussed in the screening committee meeting where, the incubatees were also invited to present their proposal before the said committee.
- III. No proposal was received from Mr Ajay Sharma and Mr Puneet Sharma at Sr. No. 3 and 4 and were also not present before the screening committee with their proposals, hence, it was decided to consider their proposal in the next meeting if they submit their proposals.
- IV. Two applicants who were present during the meeting presented their proposals on innovation projects/startup project through PPT before the members of screening committee. Each proposal was critically evaluated by the members for further submission to the high power committee in the Directorate of Industries, Govt. of Himachal Pradesh.
- V. Dr Sweta Sen, CEO, Y-Food India, Patent and Invention Commercialization Centre, who has submitted her proposal under Startup/innovation project. The title of her proposal was Manufacturing of Energy Bar from Ripe Banana. The proposer has mentioned that test lot of product has already been developed and limited sample marketing was done as well as stability of test lot was checked showing the product has shelf life of about 4 months in normal room temperature. It is also mentioned in their proposal that they have filed the patent in India. The innovator has not shown the product which they have developed during their presentation before the screening committee. It was not mentioned in the proposal that the firm which is situated in Mohali Punjab is willing to establish the industry in Himachal Pradesh as no such proposal was attached, however, during the discussion they said that they are willing to establish industry. The committee was of the view that proposal is having innovation in it as the use of ripe banana will definitely prevent the wastage of fruit and preparation of energy bar is a novel product.


The GM, DIC, Solan has asked them to submit the detail proposal to the Director of Industries so it can be considered for further financing the project under "Chief Minister's Startup/Innovation Projects/New Industries Scheme".

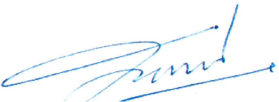
VI. Second presentation was given by Ms Manju Nagpal, of the same firm on her proposal under startup/innovation project. The title of the project was Food Processing -Value addition of food grade gum from pine tree for use in dosage/medicines. It was found that the material is a oleoresin and not gum, which is of specific variety i.e. *Araucaria* ~~Koki~~exudation. Since there is no bulk plantation of *Araucaria* in Himachal Pradesh, the committee member suggested them to use pine rosin. A sample of pine rosin was also given to them for further product preparation. Proposal does not show where they will manufacture it. The innovator has already filed the patent in India and internationally under PCT (Switzerland). It was mentioned by the proposer that test batch of gum was made and successfully evaluated in the lab for safety and stability but details were not shared during discussion. The product is in the commercial manufacturing stage, but there is no mention of its production unit etc. The product is 'excipient' pharmacologically inert, adhesive substance used to bind the contents of a pill or tablet. They are asked to develop the product from rosin on the similar analogy.

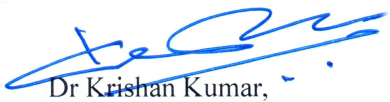
The committee thus suggested to the proposer to submit redefined complete proposal with source of raw material etc. The GM, DIC, Solan has asked them to submit the detail proposal to the Director of Industries, about the setting up of industrial unit in Himachal Pradesh, so it can be considered for further financing the project under "Chief Minister's Startup/Innovation Projects/New Industries Scheme".


The meeting ended with vote of thanks to the chair.

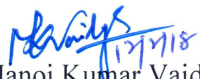

Sh. Manoj Chauhan,
General Manager,
GM, DIC, Solan,
District Industries Centre,
Solan (H.P.)
Nominee of Director Industries,
Govt. of Himachal Pradesh.


Ms Anju Dhiman,
Prof. & Head,
Dept. of FST
UHF, Nauni, Solan



Dr Kulwant Rai Sharma,
Prof. & Head,
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Dr Krishan Kumar,
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Principal Scientist (FST)
Tech. Mentor
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Dr Manoj Kumar Vaidya,
Joint Director Research cum
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Approved


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