

Chitkara University Punjab, Research Advisory Board (RAB) 2020 Meeting
(CUPb-RAB-2020)

Chaired by: Dr. Archana Mantri, Vice Chancellor

Co-ordinated by: Dr. Nitin K Saluja

Meeting Schedule: 9th June 2020, 12:30 PM (GMT + 5:30) onwards

Minutes of the meeting:

- i. The chairperson of the meeting welcomed the CUPb-RAB-2020 members and introduced the brief profile of the board members.
- ii. The chairperson introduced the constituted departments of Chitkara University Research and Innovation Network (CURIN).
- iii. In reference to the projects scrutinized by CUPb-RAB-2019 meetings, the details of funded projects received in the academic year 2019-20 were presented to CUPb-RAB-2020 members. The board members evaluated the funded projects and suggested that the funded projects should be planned for successful commercialization. It was proposed to plan the funded projects for 5 years beyond successful research and development.
- iv. The members were informed that the Chitkara University, Punjab has ventured in-to Master of Engineering in Artificial Intelligence in partnership with travel industry. It is further informed that the plan is to extend it to Master of Engineering in association with Virtusa. The committee members suggested to include the training for prototype development in the application areas of Agri-Tech, VLSI Design and Water Science.
- v. The committee member suggested to assign the development of predictive model for Covid-19 information.
- vi. The internal members detailed the performance of centers of excellence viz. Center of VLSI Design, Center for High Frequency and High Power and Center for Liquid Crystal Displays in AY 2019-20. The members detailed the requirements of industry from these centers. One of the members suggested that the device development should be scaled up in Center for VLSI Design. The invitee members suggested that the Center of High Frequency and High Power should focus on increasing the capacity of the high frequency devices from 5 kW to 20 kW in stages. It was suggested that the plasma experimentation is trending topic relevant to the center for high frequency and high power. It was suggested that these centers should be assigned independent budget to allow funding under their centers for the AY 2020-21. The committee members appreciated the entrepreneurial vision of the head of the centers to take the laboratory product to the market.
- vii. The members were detailed about the growth in academia and industry relations for AY 2019-20. It was decided by the members that the centers will present the

laboratory projects as the market product in the next meeting. It was emphasized that the centers should scale up in AY 2020-21.

- viii. The committee member with industry backgrounds appreciated that the Chitkara University Punjab has allocated dedicated funds for Intellectual Property Right (IPR). It was advised that the University should allocate funds for market research before the start of the projects.
- ix. In reference to the suggestion by CUPb-RAB-2019 that the Chitkara University Punjab website should have a webpage to detail about the research and innovation carried, the webpage was presented to the committee. Further, it was decided by the committee that the website will be optimized for indexed high for presence on internet. The websites will detail the brief of the patents seeking commercialization.
- x. The members were presented the events organized in AY 2019-20 to promote the research and innovation culture in the University. The committee decided that the events should be classified as the training which doesn't require any skills and should get hosted online.
- xi. The committee member was presented the performance of CURIN in Covid-19 lockdown period. The committee suggested to launch the newsletter detailing the performance of CURIN in covid-19.
- xii. In reference to the agenda for CUPb-RAB-2020 meeting, the internal members detailed the plans for facilitation of research in the health sciences and life sciences domains. The committee members suggested that the involvement of faculties from interdisciplinary domain should be identified and listed. The interdisciplinary trainings are suggested by the committee. The committee decided to encourage few engineers to research in biological applications.
- xiii. After the approval from committee members, it was decided that the google form will be shared with the members to allow their continuous input to improve the research and innovation culture in the University.
- xiv. The list of future programs was presented to the committee and in-total 7 programs are approved for introduction in AY 2020-21.
- xv. The members scrutinized 4 projects for AY 2020-21 that will be evaluated for growth in next meeting.
- xvi. The internal members detailed the performance in terms of statistical analysis for Ph.D. scholar numbers, Ph.D. awarded, and the masters programs planned for AY 2020-21. The CUPb-RAB-2020 appreciated that the programs and decided that the scholars should be encouraged to publish in reputed journals and then should be mentored to plan the commercial benefits of the research.
- xvii. The committee members suggested that the University has programs and expertise available in multidisciplinary domains hence it is advised that the vision and mission

- building exercises should be carried after regular intervals. The priority areas/disciplines where the University has expertise available need to be listed.
- xviii. The meeting ends with the vote of thanks from coordinator of the meeting to the Chairperson and the CUPb-RAB-2020 members.

The minutes of the meeting are prepared by the coordinator of the CUPb-RAB-2020 meeting.