


RESEARCH & DEVELOPMENT CELL

COMMITTEE MEMBERS

2021-22

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Dr. Richard Pinto
Dean, Research


Dr. Peter Fernandes
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September 25, 2021

Minutes of meeting

Minutes of the meeting held on September 25, 2021 at 2.30PM

Agenda

- 1) Updates on VGST and VTU proposals
- 2) Submission of BIRAC proposal
- 3) To discuss organization of possible online conferences and workshops

Members Present: Principal, Dean Research, Dean Academics, Heads of the department and other members.

At the outset, Dean Research welcomed the members present.

- 1) **Updates on VGST and VTU proposals:** Research grant of Rs. 30 Lakhs was sanctioned for the year 2020-2021 by Vision Group on Science and Technology (VGST), Department of Electronics, Information Technology, Biotechnology and Science & Technology, Government of Karnataka on 18-08-2021 under its scheme of Centre for Innovation in Science and Engineering Education (CISEE) to the project proposal titled "Monitoring Food Adulteration in Liquid Food Produce using Earth's Field Nuclear Magnetic Resonance Spectroscopy as a Non-Destructive Tool, PI: Dr Shashi Kumar K & CO-PI: Dr. Ramprasad A T of Department of Physics, Alva's Institute of Engineering and Technology, Shobhavana Campus, Mijar, Moodbidri 574225.
- 3) **Submission of BIRAC proposal:** Dean Research statement stated that Dr. Iddya Karunasagar Advisor (Research and Patents), Nitte University Enclave, Medical Sciences Complex, Deralakatte Mangalore-575018 shown interest in collaborating with AIET in the area of bio-markers for the detection of pathogens. Hence the proposal titled '**Development of whispering gallery mode resonator-based detection of dengue virus NS1 antigen in human serum**' was submitted to Biotechnology Industry Research Assistance Council (BIRAC) in collaboration with TIFR FOTON group who have leading expertise in the area of biomarkers using THz technology.

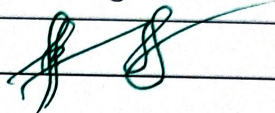
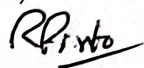
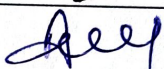
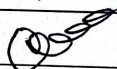
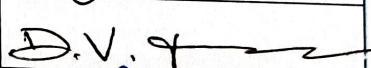

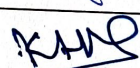
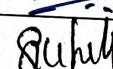



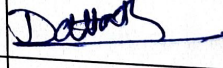
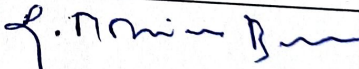

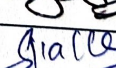

of whispering gallery mode resonator-based detection of dengue virus NS1 antigen in human serum' was submitted to Biotechnology Industry Research Assistance Council (BIRAC) in collaboration with TIFR FOTON group who have leading expertise in the area of biomarkers using THz technology.

3) **To discuss organization of possible online conferences and workshops:** Dean Research stated we need to conduct online workshops, FDP and conferences. It was decided to conduct following workshops, FDP and conferences:

- a. A five day national level Online Workshop on Quantum Chemical Calculations using Gaussian for Experimental Physicists and Chemists will be conducted by the Department of Physics, Alva's Institute of Engineering and Technology, Moodbidri on Monday 25-30th October, 2021 to commemorate the 50 years of development of Gaussian-an electronic structure calculation platform.
- b. One day online faculty development program on "latest developments in processing and manufacturing of advanced materials" to be conducted on 27th November 2021 by mechanical engineering department.
- c. A 5 day online faculty development program has to be conducted by Mathematics department.
- d. **International Conference on Recent Advances in Engineering Materials (IC-RAEM-2022)** jointly with Departments of Mechanical Engineering, Civil Engineering and Basic Sciences during, March 3-5, 2022
- e. **International Conference on Recent Trends in Computer Science, Information Technology and Electronics Applications (IC-RTCIEA-**

2022) jointly with Departments of CSE, ECE, ISE and AIML during March 8-10,
2022

The meeting ended at 4.05PM

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Dr. Ravi Kumar, Dept. of Chemistry	Member	
Dr. Prameela Kolake, Dept. of Mathematics	Member	
Dr. Dattathreya, Department of Electronics and Communication Engg.	Member	
Dr. S. Mohideen Badhusha Dept. of Computer Science Engineering	Member	
Dr. Jayarama A, Dept. of Physics	Member	
Dr. Shashi Kumar K, Dept. of Physics	Member	
Dr. H.G Umeshchandra, Dept. of Civil Engineering	Member	
Dr. Sakshi Kamath, Dept. of Chemistry	Member	