

RESEARCH & DEVELOPMENT CELL

COMMITTEE MEMBERS

2019-20

Name & Department	Designation	Mobile No.	Email ID
Dr. Peter Fernandes, Principal, AIET, Mijar	Chairperson	9845050268	principalaiet08@gmail.com
Dr. Richard Pinto Dean Research Department of Electronics and Communication Engg.	R & D Cell Head	9892818760	rpinto1942@gmail.com
Dr. Satyanarayan Dept. of Mechanical Engineering	Member	9964810960	Satyan.nitk@gmail.com
Dr. D V Manjunatha Dept. of Electronics and Communication Engineering	Member	9945349896	dvmanjunatha@gmail.com
Dr. Praveen J Dept. of Electronics and Communication Engineering	Member	91106 89173	praveenj.vishruth@gmail.com
Dr. Dattathreya Department of Electronics and Communication Engg.	Member	9481582906	dattugujjar1972@gmail.com
Dr. H.G Umeshchandra Dept. of Civil Engineering	Member	9449574120	umeshchandra141@gmail.com
Dr. Manjunath Kotari Dept. of Computer Science Engineering	Member	9449586008	aietcse08@gmail.com
Dr. S. Mohideen Badhusa Dept. of Computer Science Engineering	Member	8122572250	badhusa.sm@gmail.com
Dr. Roopalakshmi Dept. of Information Science and Engineering	Member	9940200752	drroopalakshmir@aiet.org.in
Dr. Ramaprasad A T Dept. of Physics	Member	9449200658	aietphy08@gmail.com
Dr. Jayarama A Dept. of Physics	Member	9611945201	jrmarasalike@gmail.com
Dr. Shashi Kumar K Dept. of Physics	Member	8971826021	kushana007@gmail.com
Dr. Basavaraju B Dept. of Chemistry	Member	94817 27797	basavaraju_b@yahoo.co.in
Prof. Ajith H Hebbar Dept. of Civil Engineering	Member	9448582073	ahebbbar2@rediffmail.com
Dr. Ravi Kumar Dept. of Chemistry	Member	88925 40530	dr.ravikumarc@gmail.com
Dr. Pavithra G.P Dept. of Chemistry	Member		pavithra.gp2008@gmail.com
Dr. Pameela Kolake Dept. of Mathematics	Member	94487 11100	aietmaths08@gmail.com

R.Pinto
Dr. Richard Pinto
Dean, Research

Peter Fernandes
Dr. Peter Fernandes
Principal

AIET's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

September 05, 2020

Minutes of meeting

Minutes of the meeting held on September 05, 2020 at 2.30PM

Agenda

- 1) To discuss about research funding
- 2) To discuss matters regarding extension of KCTU
- 3) Need for collaboration with IIT Bombay and TIFR for DST funding
- 4) Submission of proposals for external funding
- 5) Faculty registration for PhD

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

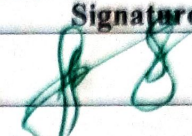

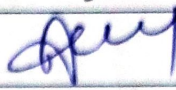
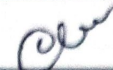





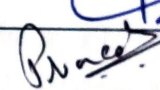

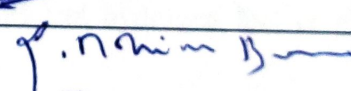


At the outset, Dean Research welcomed the members present and explained present and proposed research activities at AIET and the funding required for research.

- 1) **To discuss about research funding** Dean Research said that funding is essential to establish and carryout research in the institute. He stated that AIET has applied for Karnataka Council of Technological Upgradation (KCTU) funding for the development of environmental sensors with a project cost proposed was Rs 100 lakhs (with Rs. 50 lakhs contribution from the management), granted in September 15, 2018. During the implementation of the this KCTU project many problems were faced, most important among them being: a) change of purchase committee midway through the project resulting in the formation of new purchase committee b) All KCTU equipment, being R&D equipment, are eligible, and hence, were budgeted for Concessional 5% IGST. However, when the University (VTU) approached with relevant documents for granting us DSIR certificate for 5% concessional IGST, they took 3 months to give a negative reply, c) Hence, Department of Scientific and Industrial Research (DSIR) was approached directly with all the relevant documents in October 2019. DSIR recognized AIET as Scientific and Industrial Research Organization (SIRO) and also granted AIET the DSIR Registration Certificate for availing 5% concessional IGST for all R&D equipment on February 6, 2020. d) the 4 companies on

whom 4 KCTU Equipment purchase orders were placed were ready to supply the equipment, provided payment will be settled before 31st March 2020. However, This could not be guaranteed by AIET finance. Hence the supply of main KCTU equipment (except Spinner costing Rs. 1.1 Lakhs) was deferred to the next financial year. e) Unfortunately however, due to the Covid 19 pandemic, only one equipment was supplied and installed before the implementation of nation-wide Lock down by the govt. of India from March 25, 2020.

- 2) **To discuss matters regarding extension of KCTU:** Dean Research stated that the term of KCTU project will be over on September 14, 2020. Hence it was decided to apply for extension of project for one year by giving valid reasons for the delay in the implementation.
- 3) **Need for collaboration with IIT Bombay and TIFR for DST funding:** Dean Research stated that earlier we have collaborated with both IIT Bombay and TIFR in the area of MEMS based vibration sensors and energy harvesters, direct methanol fuel cells and hydrogen fuel cells. They have resulted in 4 patent applications with faculty from TIFR and IIT Bombay are co-inventors. In view of this we need to continue our collaboration with TIFR and IIT Bombay.
- 4) **Submission of proposals for external funding:** Earlier it was found it is very difficult to get DST-SERB projects sanctioned to private institutions. Statistics have shown during the last 4 years not a single private institution above NIRF rank 150 has been granted DST-SERB project. Hence it was decided that AIET has to submit proposals for funding with faculty from IIT Bombay and TIFR as principal investigators and faculty from AIET as co-investigators.
- 5) **Regarding registration for PhD:** Further Dean Research stated that HODs and research coordinators should urge their faculty members to apply for PhDs during VTU's current call. Those who do not have departmental guides can register under external guides. Researchers must disclose their dual affiliation in their publications and patents in this situation, which is a basic ethical requirement.

The meeting ended at 3.45PM

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