



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

MINUTES OF THE 12TH RESEARCH ADVISORY COMMITTEE MEETING HELD ON 3RD NOVEMBER 2018 AT SENATE ROOM, ADMIN BLOCK, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI 600119.

The Research Advisory Committee meeting was held on 3rd November, 2018 convened by Director (Research) at Senate Room, Admin Block, Sathyabama Institute Of Science And Technology, Chennai 600119.

MEMBERS:

- | | |
|-------------------------|---|
| 1. Dr. Sundar Manoharan | Vice Chancellor, Chairman – RAC |
| 2. Dr.B.Sheela Rani | Director (Research) Member Secretary – RAC |
| 3. Dr.P.Kuppusami | Professor (Research), Centre for Nanoscience and Nanotechnology, Centre of Excellence for Energy Research |
| 4. Dr.N.MNanditha | Professor & Dean, School of Electrical and Electronics Engineering |
| 5. Dr.Dawn S S | Professor (Research), Centre for Waste Management, Centre of Excellence for Energy Research |
| 6. Dr.D.Inbakandan | Associate Professor (Research), Centre for Ocean Research
Department of Biotechnology |
| 7. Dr.V.Ganesh Kumar | Associate Professor (Research), Centre for Ocean Research
Department of Chemistry |
| 8. Dr.V.Ramesh Kumar | Associate Professor, Department of Biotechnology |

The Chairman and the Member Secretary welcomed the members and opened the floor for discussion;

1. The meeting began with the summarization of the following information by the Member Secretary as on 03rd November 2018

S.No	Details	Numbers
1	Number of Projects newly sanctioned	18
2	Number of ongoing projects in the second year of execution	74

Signature of the Member Secretary

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.
DIRECTOR (RESEARCH)
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3	Total cost of all the sanctioned projects as on November 2018	Rs.2.16 Crores
4	Number of Research Fellows recruited during the period	41
5	Total cost of equipments purchased through Research grants as on November 2018	Rs.1.25 Crores
6	Publications made as on November 2018	51

2. Dr.Ganesh Kumar presented the New Calls and fixed the deadline for draft proposals to the members. The members were instructed to convene an internal meeting and finalize the draft proposals with the Member Secretary at least 10 days before the deadline through the assigned School/Centre Member Representative.
3. The members representing the respective schools and research centres were asked to instruct the concerned investigators to submit a report on the status of the execution of the respective projects including JRF/SRF recruitment, purchase of equipments/chemicals/consumables, outcomes of projects including patents, publications, products etc.
4. Budget for execution of the project was discussed and the chairperson instructed the concerned investigators to proceed with the procurements upon approval. The purchase file of all the operating projects was reviewed and necessary corrections were recommended.
5. The log books pertaining to the respective projects were also reviewed to verify the stock enlisting the purchase of chemicals, consumables, glassware and other miscellaneous purchases relevant to the operation of the project.
6. Announcement of proposals for submission for SEED grants was made to encourage the faculty to research in upcoming need of the hour research areas with the involvement of students from the different Engineering and Humanity Schools.

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.
DIRECTOR (RESEARCH)

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B. Shubha L.

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7. The Chairperson encouraged International collaborations and MoUs that will strengthen more collaborative activities with overseas universities
8. Further instructions were given to improve the ranking of the institute through joint publications in high indexed journals and Interdisciplinary research among the departments, continuation with the previous work. Emphasis to cite the relevant research articles with our previous work and also product development in their own research activities was made.
9. The Member Secretary added to establish industrial oriented research with leading industry in the field of science and engineering technology.
10. The committee discussed and appreciated the following faculties and scholars on the new projects, recruitments and fellowships received,
 - Dr.V Karthick from Centre for Ocean Research (COR) for INSA JSPS fellowship
 - Dr. Thirugnanasambandam from COR for International Travel grant.
 - Dr. Senthil Velan under SERB-National Post-Doctoral Fellowship
 - Mr. Vasantharaja recruited under ICAR-NICRA
 - Dr. K Govindaraju for receiving the research grant from DBT project
 - Ms. B Subhashni for receiving ICMR-SRF
 - Dr.Inbakandan for receiving the grant for National Symposium from DBT
 - Ms. Amreen Nisa recruited as a JRF in COR for a DBT-Sponsored research project
11. Committee congratulated the following members for their recognitions and contributions to research.
 - Dr .Uma Suganya – Recipient of "Col.Dr.Jeppiaar Best Thesis Award"
 - Dr. D. Sivaraman – Recipient of "Travel Grant Award" "Travel Grant Award" from DBT-India, the "ICLAS-CALAS Scholarship Award" for Young Investigator in Laboratory Animal Science from the Chinese Association for Laboratory Animal Sciences, the Young Scientist Award-ICEBHE'18 from B. S. Abdul Rahman Crescent Institute of Science and Technology, and the Dr. APJ Abdul Kalam Distinguished Fellow Award from the Bose Science Society

Signature of the Member Secretary

B. Sheela Devi

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- Dr. D. Saravanan (CLATR) – Recipient of "Har Gobind Khorana Best Scientist Award" from the Bose Science Society and the "Dr. APJ Abdul Kalam Young Scientist Award" from Marina Labs.
 - Dr. Krupakar Parthasarathy – Recipient of International Travel Award from TOPNET Consortium to visit NTU, Singapore.
 - Dr. Ganesh Kumar – Recipient of Award in National Science Day
12. The committee congratulated Ms. Jyostna for being awarded with the prestigious CSIR-SRF fellowship for duration of two years under the mentorship of Dr. V. Parameswaran.
 13. Committee reviewed the publications of the faculties and observed that there is a steady increase in the number in SCI indexed journals.
 14. Based on the statistics of the students carrying out their final year dissertation projects at various research centres, the utility of the research infrastructure and the expertise of the faculties are commended.
 15. Various workshops/ training programmes/ conferences conducted by the conveners along with the feedbacks received from the participants were reviewed.
 16. Startup Grant 1.0 has been provided to students and providing startup grant up to 1 lakh rupees per idea to develop their prototype, totally 8 startup teams got the funding and developing, the same has been appreciated by the committee.
 17. The Committee appreciated the signing of the following MoUs
 - Between the School of Biological Sciences, Nanyang Technological University, Singapore and Sathyabama Institute of Science and Technology for anti TB drug discovery research
 - Ministry of Earth sciences (MoES) and Sathyabama Institute of Science and Technology has signed a MoU for MoES network project activities

Dr. G. SHEELA RANI, M.S. (By Research), Ph.D., (RESEARCH)
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B. Shree Lakshmi

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18. The budget sanctioned and released for the year 2018-19 was reviewed and major equipment procured was also discussed in detail. Members informed to prepare the new budget for the upcoming FY (2019-20).
19. The meeting concluded with the announcement of forthcoming Calls and deadlines encouraging the investigators for new research proposal submissions.

THE FOLLOWING MEMBERS WERE PRESENT FOR THE MEETING

S.No	Name of the faculty	Designation	Signature
1	Dr. Sundar Manoharan	Vice Chancellor Chairman - RAC	
2	Dr. B. Sheela Rani	Director (Research) Member Secretary - RAC	
3	Dr. P. Kuppusami	Professor (Research) Centre for Nanoscience and Nanotechnology Centre of Excellence for Energy Research	
4	Dr. N. M Nanditha	Professor & Dean School of Electrical and Electronics Engineering	
5	Dr. Dawn S S	Professor (Research) Centre for Waste Management Centre of Excellence for Energy Research	
6	Dr. D. Inbakandan	Associate Professor (Research) Centre for Ocean Research Department of Biotechnology	
7	Dr. V. Ganesh Kumar	Associate Professor (Research) Centre for Ocean Research Department of Chemistry	
8	Dr. V. Ramesh Kumar	Associate Professor Department of Biotechnology	

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.
DIRECTOR (RESEARCH)

Signature of the Member Secretary

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01-11-2018

CIRCULAR

12TH RESEARCH ADVISORY COMMITTEE MEETING – 3RD NOVEMBER, 2018

**Date : 03-11-2018 Time : 10.00 am Venue : Senate Room, Admin Block,
Sathyabama University**

MEETING AGENDA

Welcome Address

: Dr. Sundar Manoharan
Vice Chancellor, Chairman – RAC,
Sathyabama University

Briefing on the Objectives of the Meeting : **Dr.B.Sheela Rani,**
Director (Research), Member Secretary – RAC,
Sathyabama University

For Discussion with RAC Members

The agenda of the 12th RAC meetings are as follows;

- To analyze the progress of the funding projects and new infrastructure establishments
- To discuss about the research scholar recruitment and their progress
- To appreciate the publications, patents and product development
- To congratulate the award winners, external participation and new collaborations
- To verify the stock assessments
- To update the research promotion policies and ethics
- To address the upcoming call for proposals and research opportunities for the funding
- To sanction the requested budget for the new 6 month research plans