



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

**MINUTES OF THE 19<sup>TH</sup> RESEARCH ADVISORY COMMITTEE MEETING HELD ON 2<sup>ND</sup> APRIL 2022 AT SENATE ROOM, ADMIN BLOCK, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI 600119.**

The Research Advisory Committee meeting was held on 2<sup>nd</sup> April 2022 convened by the Director (Research) at Senate Room, Admin Block, Sathyabama Institute of Science and Technology, Chennai 600119.

**MEMBERS:**

- |                      |   |
|----------------------|---|
| 1. Dr T. Sasiprabha  | 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   | Professor (Research), Centre for Ocean Research<br>Department of Biotechnology                            |
| 7. Dr.V.Ganesh Kumar | Professor (Research), Centre for Ocean Research<br>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 members were instructed to collect details of the research proposals under preparation from the various departments and research centres. Dr.D.Inbakandan was instructed to compile the details and submit the same.
2. The Chairperson asked Dr.P.Kuppusami to summarize on the proposals sanctioned till the meeting date from the Departments and Dr.Dawn from the

Signature of the Member Secretary

*B. Sheela Rani*

DR. B. SHEELA RANI, M.S. (By Research), Ph.D.,  
DIRECTOR (RESEARCH)  
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research centres. Both the members highlighted the same. A total of 32 projects worth 3.4 crores were sanctioned till the date of the meeting, they mentioned.

3. The Chairperson instructed the members to compile the research pursued in the Departments involving the students and present the scope for advancements mentioning the requirements in terms of infrastructure support in a week's time. Dr.N.M.Nanditha was given the responsibility.
4. The publications were highlighted by Dr.Kuppusami who further added how the departments and centres can improve in the citations. The student projects converted to publications was insisted.
5. Faculties with high impact factor publications were identified and Dr.Kuppusami was instructed by the Member Secretary to plan for periodic workshops on paper writing skills for the under graduates in the 2<sup>nd</sup> and the 3<sup>rd</sup> year so that effective publications can be made with the support of the students too.
6. Dr.V.Ganesh Kumar and Dr.Inbakandan were instructed to give a summary of the patents filed, published and granted as well as the products and technologies developed from the Institution. They were instructed to give a proposal on how the patents can be transferred etc.,
7. Dr.V.Ganesh Kumar was asked to take charge of compiling the collaborative research activities and initiate steps to ensure all senior faculties in the institution to bring a minimum of one International / National / Industrial reputed collaboration with research exchange focus that leads to more collaborative research projects, publications, patents and products.
8. Stock and budget requirements of all the laboratories in the institution were brought to discussion Dr.Nanditha was asked to verify the department affiliated labs and Dr.Dawn was asked to review the Centre affiliated labs.
9. Dr.V.Ramesh Kumar was advised to call for an Industry Meet by inviting representatives from varied industries in different fields asking them to propose real time problems demanding research solutions.

Signature of the Member Secretary

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





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10. The committee members appreciated the new projects sanctioned to the following faculties
  - Dr. P. M. Velmurugan, Centre for Earth and Atmospheric Sciences (CEAS) received a project from DST-SERB entitled on "Toxicity of microplastics and phthalates, as well as their abundance, distribution and diverse in ground water and surface water from Ennore to Kovalam on the east coast of India"
  - Dr. M. Radhakrishnan on receiving a project entitled "Exploring marine actinobacteria for anti-infective and industrial products" from DBT
  - Dr. K.Nagamani from CRSG received a DST-NGP sponsored three days Geo-Innovation Challenge program
11. The committee has approved the recruitment of the following research fellows under their respective projects
  - Mr.Lakshmi Narayanan S, and Ms. Buvaneshwari Sundarasa Babu, as Junior Research Fellow for the DBT networking (Centre for Ocean Research and National Centre for Cell Science) project.
  - Ms. GS. Thenmozhi joined as Project Assistant in the project "Exploring marine actinobacteria for anti-infective and industrial products" funded by DBT
  - Mrs. S. Ranjani joined as Project Associate in the project "Exploring marine actinobacteria for anti-infective and industrial products" funded by DBT
12. 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.
13. Committee reviewed the publications and congratulated the concerned faculties for publishing their research paper in high-impact journals.
14. Eighteenth IAEC meeting was conducted on 12<sup>th</sup>February, 2022 and five projects has been approved by the committee members.
15. Patents published and new facilities created under research projects by the faculties are appreciated by the Committee.

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

Signature of the Member Secretary

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16. Project Agreement to establish DST-TIFAC Academic Partner Center for MSME signed between DST-TIFAC and Sathyabama Institute of Science and Technology was appreciated by the committee.
17. The member secretary concluded the meeting mentioning the deadlines for the points discussed and the members were advised to initiate responsible moves for the betterment of the Institution Research domains.

## THE FOLLOWING MEMBERS WERE PRESENT FOR THE MEETING

S.No	Name of the faculty	Designation	Signature
1	Dr T. Sasiprabha	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	Professor (Research) Centre for Ocean Research Department of Biotechnology	
7	Dr. V. Ganesh Kumar	Professor (Research) Centre for Ocean Research Department of Chemistry	
8	Dr. V. Ramesh Kumar	Associate Professor Department of Biotechnology	

Signature of the Member Secretary



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31-03-2022

## **CIRCULAR**

### **19<sup>TH</sup> RESEARCH ADVISORY COMMITTEE MEETING – 2<sup>ND</sup> APRIL 2022**

**Date : 02-04-2022      Time : 10.00 am      Venue : Senate Room, Admin Block,  
Sathyabama University**

## **MEETING AGENDA**

Welcome Address

**: Dr T. Sasiprabha**  
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 19<sup>th</sup> RAC meetings are as follows;**

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