



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

MINUTES OF THE 20TH RESEARCH ADVISORY COMMITTEE MEETING HELD ON 5TH NOVEMBER 2022 AT SENATE ROOM, ADMIN BLOCK, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI 600119.

The Research Advisory Committee meeting was held on 5th November 2022 convened by the Director (Research) at Senate Room, Admin Block, Sathyabama Institute of Science and Technology, Chennai 600119.

MEMBERS:

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|----------------------|---|
| 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
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 |

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

1. 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. D. Inbakandan was given the responsibility.

Signature of the Member Secretary

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research)
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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Jeppihaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.



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2. The members were instructed to collect details of the research proposals under preparation from the various departments and research centres. Dr.V.Ramesh Kumar was instructed to compile the details.
3. The Chairperson asked Dr.Dawn to summarize on the proposals sanctioned till the meeting date from the Departments and Dr.P.Kuppusami from the research centres. Both the members highlighted the same. A total of 23 projects worth 2.42 crore were sanctioned till the date of the meeting, they mentioned.
4. The publications were highlighted by Dr.Dawn who further added how the departments and centres can improve in the citations. The student projects converted to publications was insisted.
5. Dr.N.M.Nanditha and Dr. D. 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.,
6. 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 2nd and the 3rd year so that effective publications can be made with the support of the students too.
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. 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.

Signature of the Member Secretary

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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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.
10. Stock and budget requirements of all the laboratories in the institution were brought to discussion Dr.D.Inbakandan was asked to verify the department affiliated labs and Dr.Dawn was asked to review the Centre affiliated labs.
11. The committee discussed and appreciated the following faculties and scholars on receiving the new projects
 - Dr. D Jeyaprakash received SERB-SRG for the project entitled "Thermal priming and role of epigenetic variation on adaptive strategy of seagrasses under warming ocean"
12. Committee congratulated the following members for their recognitions and contributions to research
 - Dr. D. Saravanan Centre for Laboratory Animal Technology and Research (CLATR) – Recipient of 150 USD for participation in 7th Annual Conference of Asian Council for Science Editors on June, 2022
 - Dr. M Roja Raman from Centre for Remote Sensing and Geoinformatics (CRSG) – Recipient of International Award from ICTP-ICO –SPIE, ITALY
13. The committee discussed on the recruitment of the following scholars and faculty under their respective research projects
 - Mr. S Manikandan to join as Junior Research Fellow under DBT sponsored project entitled " Marine microbial product based eco-friendly nanocomposites for marine antifouling applications "
 - Mr. Subham Chakarabarty joined as Junior Research Fellow under Ministry of Earth Sciences - Earth Sciences Technology Cell project entitled "Surface modification and nanotechnological approaches for antifouling applications"
 - Mr. M. Rajesh Kumar and Mr. K. Vijay Prabhakaran joined as JRF for DST-SERB Project at Centre for Earth and Atmospheric Sciences (CEAS)

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Signature of the Member Secretary

B. Shubha R.



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- Dr. A. Vignesh joined as Research Associate in the project entitled "Elucidating the structural and functional characterization of membrane and envelope protein from SARS Co V-2 and its variants in virus like particle formation and its role in the virus assembly and release"
14. Sathyabama TBI Startup Grant 3.0 was released for 8 projects with the total value of Rs.6, 30,000/-, the same was appreciated by the committee.
 15. The Committee reviewed the submission of applications for research projects by the centres.
 16. 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.
 17. Various workshops/ training programmes/ conferences conducted by the conveners along with the feedbacks received from the participants were reviewed.
 18. The committee reviewed and appreciated the New Facilities inaugurated by the research centres projected for the utilisation under various projects.
 19. The committee appreciated the MoU's were signed with Bentolli Agri Nutrition and Vetbiotics with Sathyabama Institute of Science and Technology. An MOU between Sathyabama TBI and Zoho Corporation was signed to benefit startups with Zoho Credits package was complemented by the committee.
 20. The budget sanctioned and released for the year 2021-22 was reviewed and major equipment procured was also discussed in detail. Members informed to prepare the new budget for the upcoming FY (2022-2023).
 21. The meeting concluded with the announcement of forthcoming Calls and deadlines encouraging the investigators for new research proposal submissions.

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

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Signature of the Member Secretary

B. Sheela Rani



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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	



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03-11-2022

CIRCULAR

20TH RESEARCH ADVISORY COMMITTEE MEETING – 5TH NOVEMBER 2022

Date : 05-11-2022 **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 20th RAC meetings are as follows;

- To congratulate the award winners, external participation and new collaborations
- To sanction the requested budget for the new 6 month research plans
- To verify the stock assessments
- To discuss about the research scholar recruitment and their progress
- 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