



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

MINUTES OF THE 11TH RESEARCH ADVISORY COMMITTEE MEETING HELD ON 7TH APRIL 2018 AT SENATE ROOM, ADMIN BLOCK, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI 600119.

The Research Advisory Committee meeting was held on 7th April, 2018 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.K.V Narayanan | 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 introduction of new research developments in the academic departments and research centres. It was insisted to encourage the students to pursue interdisciplinary projects which will facilitate them to research in application-oriented domains.

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

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Chennai - 600 119.

Signature of the Member Secretary



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2. The member secretary updated the status of the various proposals submitted since the conduct of the last meeting held on 04th November 2017. She also summarized on the sanctioned projects. The team members were instructed to direct the faculty to target calls highlighting their respective area of focus. Following which the member representatives were asked to submit the details of the proposals that would be submitted from the respective academic departments and research centres. She also instructed the member representatives to review the Objectives and summary of the proposal and get their consent and approval before submission. All the member representatives were in turn instructed to convene an internal meeting to validate the proposals in brief so that no repetition of ideas occurs. This was ensured to avoid multiple submissions for major grant calls.
3. Proposals prepared during the period and awaiting submission were also highlighted. The member representatives summarized the titles, objectives and expected outcomes to the chairperson and member secretary. Queries unanswered were left for clarification by the Investigators.
4. During the meeting 55 research proposal drafts were outlined by the respective investigators addressing various calls from the different funding agencies including ISRO-RESPOND, DST, DBT, DRDO, BRNS, SERB, MHRD, MoES, MoEFCC etc., The proposals were critically reviewed and about 90% of the proposals were encouraged for further submission.
5. 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 equipment/chemicals/consumables, outcomes of projects including patents, publications, products etc.,.
6. Budget for execution of the project was discussed and the chairperson instructed the concerned investigators to proceed with the procurements upon approval. The purchase files of all the operating projects were reviewed and necessary corrections were recommended.

Signature of the Member Secretary

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7. 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.
8. 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
9. The committee members appreciated the new projects sanctioned to the following faculties
 - Dr.P.M. Velmurugan from Centre for Earth and Atmospheric Sciences (CEAS) from the Clariant Chemicals and for publishing paper in the indexed journal.
 - Dr. Premalatha Pati for Receiving DST - National Post-Doctoral Fellowship
 - Dr. V Ganesh Kumar from Centre for Ocean Research (COR) received the grant for the project entitled "Utilisation of steel slag materials for radiation shielding studies" 24/01/2017.
 - Major equipment, Muffle furnace worth Rs 2, 06,500/- was purchased with this grant on 23/01/2018 and the same was appreciated by the committee.
10. Committee congratulated the following members for their recognitions and contributions to research.
 - Dr. M. Radhakrishnan – Recipient of Young Scientist Award in the International Conference on "Antibiotic Resistance Breakers and Diagnostic Biomarkers" during December 2017.
11. Various workshops/ training programmes/ conferences conducted by the conveners along with the feedbacks received from the participants were reviewed.
12. The Committee gave suggestions to the PIs of the various sponsored research projects who briefed the work progress.

Signature of the Member Secretary

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13. 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.
14. The committee has reviewed 10 applications of the research project proposals before placing it before their respective Scientific Research Committee meetings for submission.
15. The committee had advised Sathyabama TBI to bring new collaborators and partners to help the budding entrepreneurs in the areas of Startup Credits offerings, Company Registrations and more value-added services.
16. Procurement under various projects like RT-PCR under DST-SERB-ECR, Radar Software, Handheld GPS, Electronic Clinometer, Soil Oven, TDR and Multiparameter have been approved by the committee.
17. Tenth Institutional Animal Ethical Committee (IAEC) meeting was held on 17th March, 2018. Totally, 21 study proposals on animal research were approved by Members of IAEC.
18. The Committee appreciated Dr. R. Selvaraj for organizing ICMR sponsored workshop "Laboratory Animal Techniques and Ethics" on 19th - 23rd March 2018.
19. Committee advised the Sathyabama TBI to move towards self sustenance as the National Science Technology and Entrepreneurship Development Board - Department of Science and Technology (NSTEDB-DST) sponsored Technology Business Incubator project fund is ending from this year.
20. 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.K.V Narayanan	Vice Chancellor Chairman - RAC	
2	Dr.B. Sheela Rani	Director (Research) Member Secretary - RAC	

Signature of the Member Secretary
Dr. B. SHEELA RANI, M.S. (By Research)
DIRECTOR (RESEARCH)
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3	Dr.P.Kuppusami	Professor (Research) Centre for Nanoscience and Nanotechnology Centre of Excellence for Energy Research	<i>Phyppusami</i>
4	Dr.N.M Nanditha	Professor & Dean School of Electrical and Electronics Engineering	<i>Mc</i>
5	Dr.Dawn S S	Professor (Research) Centre for Waste Management Centre of Excellence for Energy Research	<i>D-SS</i>
6	Dr.D.Inbakandan	Associate Professor (Research) Centre for Ocean Research Department of Biotechnology	<i>D.Inbakandan</i>
7	Dr.V.Ganesh Kumar	Associate Professor (Research) Centre for Ocean Research Department of Chemistry	<i>V. Ganesh Kumar</i>
8	Dr.V.Ramesh Kumar	Associate Professor Department of Biotechnology	<i>V.Ramesh Kumar</i>



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05-04-2018

CIRCULAR

11TH RESEARCH ADVISORY COMMITTEE MEETING - 7TH APRIL 2018

**Date : 07-04-2018 Time : 10.00 am Venue : Senate Room, Admin Block,
Sathyabama University**

MEETING AGENDA

Welcome Address

: Dr.K.V Narayanan
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 11th RAC meetings are as follows;

- To verify the stock assessments
- To appreciate the publications, patents and product development
- To analyze the progress of the funding projects and new infrastructure establishments
- 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
- To discuss about the research scholar recruitment and their progress
- To congratulate the award winners, external participation and new collaborations