



### MINUTES OF THE 16<sup>th</sup> BOARD OF RESEARCH MEETING HELD ON 23.03.2019 AT BOARD ROOM, II FLOOR, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI @ 10.00 A.M.

The Board of Research meeting was held on 23<sup>rd</sup> March, 2019 convened by the Director (Research) Dr.B.Sheela Rani. The meeting took place at the Board room, Second floor, Administrative block at 10.00A.M. The members present were,

#### MEMBERS:

##### Internal Members:

- |                            |   |
|----------------------------|---|
| 1. Dr. S. Sundar Manoharan | Vice-Chancellor                                       |
| 2. Dr. T. Sasipraba        | Pro Vice-Chancellor                                   |
| 3. Dr. Aruni Wilson        | Pro Vice-Chancellor                                   |
| 4. Dr. S.S. Rau            | Registrar   |
| 5. Dr.B.Sheela Rani        | Director(Research)                                    |
| 6. Dr. E. Logashanmugam    | Director (Administration)                             |
| 7. Dr. G. Sundari          | Dean (Student Affairs)                                |
| 8. Dr. N. M. Nandhitha     | Dean (School of Electrical & Electronics Engineering) |
| 9. Dr. S. Prakash          | Dean (School of Mechanical Engineering)               |
| 10. Dr. Bhuwaneswari       | Dean (School of Management Studies)                   |
| 11. Dr. M. Sundareswari    | Dean (School of Science & Humanities)                 |
| 12. Dr.G. Vigneswari       | Head, School of Computing                             |

##### Invitees

- |                        |                                    |
|------------------------|------------------------------------|
| 13) Dr.T.Sasikala      | Dean (School of Computing)         |
| 14) Dr. Dilshad Shaik, | Dean (School of Law)               |
| 15) Dr. Thayumanavan   | Dean (Dental College and Hospital) |

##### External Members:

- |                       |  |
|-----------------------|--|
| 1. Dr. S. Bose        | Professor, CSE, Anna University, Chennai.                      |
| 2. Dr.R.Govindaraj    | Senior Principal Scientist, CEERI, CSIR Madras Complex.        |
| 3. Dr. A. Velayudham  | Scientist - F, CVRDE, Avadi, Chennai.                          |
| 4. Dr. Mukesh Doble   | Professor, Ph.D, IITM, Chennai.                                |
| 5. Dr. M. Alagar      | Professor, A.C. Tech Campus, Anna University, Chennai.         |
| 6. Dr. E. Natarajan,  | Prof., Institute for Energy Studies, Anna University, Chennai  |
| 7. Dr. M. Mathirajan, | Chief Research Scientist, Dept.of MGT.Studies, IISC,Bangalore. |

The Vice Chancellor greeted everyone present and opened the floor for discussion on various points of the agenda.

#### ITEM NO: 1 ACADEMIC RESEARCH ACTIVITIES FOR THE PERIOD SEP '18 - MAR'19

Report on the academic research activities for the period September 2018 to March 2019 had been presented

- For the session January 2019, based on the performance in the entrance examination conducted on 10<sup>th</sup> November 2018 with subsequent screening test held on 24<sup>th</sup> November 2018, 6 candidates

Chairman's Initial

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*B. Sheela Rani*  
(Member Secretary)

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

**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
Jeppiyaar Nagar, Rajiv Gandhi Salai,  
Chennai - 600 119.

have registered under Full-Time mode, **13 Candidates** have registered under Part-Time (Internal) mode and **94 Candidates** have registered under Part-Time (External) mode.

- 12 Faculty have been recognized as supervisors during January 2019. 5 from Faculty of Computer Science and Engineering, 2 from Faculty of Electronics Engineering, 1 from Faculty of Mechanical Engineering, 1 from Faculty of Business Administration, 1 from Faculty of Science and Humanities (Maths), 1 from Faculty of Science and Humanities (Physics), 1 from Faculty of Science and Humanities (Life Sciences)
- For the academic year 2018 – 2019 till date, based on the research scholar's work, Indian and Foreign Examiners report and after successfully defending the Ph.D viva-voce examination, the board recommended the award of Ph.D degree for **55 candidates** till date.

## ITEM NO: 2 ACTION TAKEN REPORT ON THE PREVIOUS MEETING

The Action taken Report was submitted by the Vice Chancellor

**Registration has been cancelled for the following candidates based on the approval given by the board in the 15<sup>th</sup> Board of Research meeting towards discontinuation by candidate, demise and no work progress.**

1. Mr. Shamuga Raman	2008798104
2. Mr. S.Meenakshi Sundaram	2009191116
3. Ms. A.Aruna	2009199631
4. Mr. Magesh Babu	2009794101
5. Ms.Lakshmi Rekha	2010792106
6. Mr. C.Prasath	2010193107
7. Ms.R. Sugnaya	2012195101
8. Mr. Sajjan Vedha Kumar	2015191111
9. Ms.Sathyavathy Radhakrishnan	2015791207
10 Ms.Umarani	2016792114

## Progress of research candidates

Out of **46 candidates** who have availed the maximum time period and requested for approval by the board for cancellation of their registration, following **37 candidates** have shown rigorous work progress and have submitted the synopsis/Thesis

### Progress shown:

1. Mr. Sudhir Shenai	2009791123.
2. Mr.V.Gopinath	2010199504
3. Ms.J.Sudha	2010191113
4. Mr.J.Karthikeyan	2006194238
5. Ms.R.Uma Maheswari	2008199384
6. Mr. G. Jegan	2008792115

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7. Mr. Hariprasad	2008792110
8. Mr. M.R.Lokesh	2009191110
9. Mr.Vengata Krishnan	2010199213
10. Mr.S.Saravanan	2010195308
11. Mr. Sathappan.S	2009791121
12. Ms. Mercy Theresa.M	2009792116
13. Mr. Muruganandam.S	2009799501
14. Mr. Rajasekaran.S	2009792112
15. Ms. Uthara Lakshmi.N	2009795101
16. Mr. Sridhar Raja.K.S	2009794109
17. Ms. Gomathi.K	2009799504
18. Mr. Gopi.E	2009798102
19. Mr. Ramanan.K	2009791127
20. Mr.Vino.T	2010192113
21. Mr.Sugadev	2010192118
22. Mr.Venkatasubramanian	2010193101
23. Mr.Samuel Simran Rajkumar	2010196103
24. Mr.J.Albert Mayan	2010791120
25. Ms.Kanimozhi.A	2010791110
26. Ms.Ankayarkanni.B	2010791118
27. Mr.Prabhu L	2010194206
28. Ms.Krishnaveni S	2010792107
29. Mr.Porchilamban.S	2010794204
30. Mr.Venkatesh.S	2010791109
31. Mr.Pradeepkumar.S	2010791105
32. Mr.Jayasakthi Velmurugan,K	2010791113
33. Ms. Priya.S.V	2009792120
34. Ms.Sathyabama Krishnan	2010191114
35. Mr.Ravikumar.E	2010194103
36. Ms.Maheswari.A	2010791112
37. Mr.Raghunathan.P	2010192117

### ITEM NO: 3 FOR CONSIDERATION AND APPROVAL

#### Decision on Faculty for award of Ph.D Degree

- For candidates who have completed Ph.D under Faculty of Science and Humanities with any specialization will be grouped and awarded in general as Faculty of Science and Humanities as the thesis title will describe their area of specialization in their degree certificate.
- For candidates who have completed Graduation in one branch of Engineering and Post Graduation in another branch of Engineering and carrying out Ph.D in one more branch of Engineering, Board

Chairman's Initial

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*B. Shule Rani*

*Member Secretary*

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,  
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expressed its views that research in engineering can be interdisciplinary. Decision on final award of degree in Ph.D will be taken in the Board of Management meeting.

### Coursework

- All Ph.D registered candidates should compulsorily register for the course work "Research Methodology Tools and Techniques" in addition to other three course works taken pertaining to their research. This course should be undergone either in our University or from other university with prior approval. The course content can be wetted in the forthcoming Academic Council Meeting.
- Candidates from Department of Visual Communication, who have completed the course through NPTEL on "Introduction to Research" during the year 2018 has been approved by the Board, but the above procedure is to be followed irrespective of whichever faculty they belong.

### Break of study

3 candidates have requested for Break of Study for a period six months/one year and are officially approved

1. Priyadarshini.P	2015799401
2. Kavitha .V	2013191103
3.Saranya.S	2018792113

### Decision on Faculty and course work for NRI Candidates

Candidate Mr.Prabaker.V (I201819912) with Graduation in History and Post-Graduation in Philosophy had registered for Ph.D in Faculty of Science and Humanities in January 2018 under Part time external mode with research work in English. Having registered, the candidate can continue the work under the supervision of Dr.Pushpanagini, Professor, Dept. of English, but degree will be awarded in general as Faculty of Science and Humanities as the thesis title will describe their area of specialization in their degree certificate.

Candidate Ms.Merline Christina (I201819911) with Graduation in Physics and Post-Graduation in Physics and M.Ed in Science Education had registered for Ph.D in Faculty of Science and Humanities in January 2018 under Part time external mode with research work in English. Having registered, the candidate can continue the work under the supervision of Dr.Pushpanagini, Professor, Dept. of English, but degree will be awarded in general as Faculty of Science and Humanities as the thesis title will describe their area of specialization in their degree certificate.

### Cancellation of Registration

Following **7 candidates** have not shown work progress, **12 candidates** have requested for course discontinuation, **20 candidates** have not conducted first DC meeting (from 2016 January Batch onwards), **18 candidates** have not confirmed their Provisional Registration even after the maximum time period (from 2015 July batch onwards), **14 candidates** have neither conducted extension meetings nor completed publications. Hence cancelled their registration

Chairman's Initial

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### No Progress

1. Mr.R.Paramesh	2010791131
2. Mr.A.Velmurugan	2010792105
3. Mr.A.Subash Chandar	2010791127
4. Ms. G. Suganthi	2006792204
5. Mr. R. Karthikeyan	2008792107
6. Ms.Paulin Florence	2010191103
7. Ms.Bhuvaneswari.N.R	2010192119

### Discontinuation

1. Mr.Sandipkumar Maganlal Vaniya	2016191104
2. Mr.Dasari Prasad	2018193103
3. Ms.Rekha Arun	2011199619
4. Ms.Joshi Shubangi Milind	2015192106
5. Ms.Josna Philomina	2018791122
6. Ms.Himgouri Tapse	2019191126
7. Ms.Drawin.J	2019191127
8. Ms.Dipa Dixit	2019199607
9. Ms. Priyadarshini. B	2016192123
10. Ms. Savita Pandurang	2019193101
11. Mr. Bunti Rupavenkatapradeep	2019192111
12. Mr.Raviraju Gollamandala	2019192112

### First DC Meeting not conducted

1. Ms.Paul Vanaja.Y	2018799609
2. Ms.Saveetha.D	2018791129
3. Ms.S.Sivasankari	2018791203
4. Mr. Machavolu Vishnuvardhan	2018794102
5. Ms. Joe Shamny	2018798104
6. Ms. M. Safa	2018791114
7. Mr.Nenavath Raj Kumar	2018791105
8. Mr. Mahesh Akuthota	2018791106
9. Ms.Vijayalakshmi.M	2018791116
10. Ms.Dhanalakshmi.G	2018791125
11. Mr.Shaik Khader Basha	2018791131
12. Ms.Steffi Philip Mulammottil	2018792116
13. Mr.Murugesan.D	2018192115
14. Mr.Manikandan	2018199404
15. Mr.Sworup Kumar Singh	2018199607
16. Mr.Frederic Edmond	2018198108



17. D.Sunil Kumar	2017198101
18. Sathiesh Kumar	2016791109
19. Thenmozhi . E	2016799601
20. J.Jackulin Reeja	2016191114

**Provisional Registration not confirmed**

1. Dojohn Loyd.B	2014191202
2. Ramanathan.K	2014794106
3. Jayashree.P	2014796203
4. Jswin Arputhabalan	2014794113
5. Arun Raja.A.K	2014794111
6. Merlin Pauli Esther.C	2015191201
7. Morarji Desai.P	2015191204
8. Hari Haran.V	2015191104
9. Amith Kishore.P	2015194101
10. G.Vignesh	2015195101
11. Sasikumar.S	2015196106
12. S.Vanitha	2015799302
13. Sugania.S.S	2015791111
14. Aravind Kumar.S	2015791102
15. S.Ranjith	2015792105
16. V.Jeyalakshmi Devi	2015792115
17. J.Banuchandar	2015796101
18.S.Ponmalar	2015793106

**Extension Meeting not conducted**

1. Magesh Peter	2011199623
2. Jegan.K	2011198109
3. A.Jayapradha	2011797103
4. D.Diana Florence	2011797101
5. Jothi Shanmugam.C	2012194101
6. Saraniya.P	2012195103
7. G.Rajasekaran	2012191108
8. Arvind kumar.B	2012199606
9. Ramakrishnan.S	2011191104
10. Menaka.K	2011199607
11. Asmita Tushar Wakankar	2012192105
12. Pradnya M.Daflapurkar	2012791110
13. Chiranjeevi.Y	2012793105
14. Lalitha Muthu.A.C	2012796104

The meeting concluded with the Vote of thanks given by the convener.

# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Established under Section 3 of the UGC Act, 1956)

Declared as Category "A" University by Ministry of HRD, Govt. of India  
(A CHRISTIAN MINORITY INSTITUTION)

Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600 119, Tamil Nadu, India



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## 16<sup>th</sup> BOARD OF RESEARCH MEETING – MARCH 2019

Date: 23.03.2019

Time: 10:00 AM

Venue: Board Room, Second Floor  
Administrative Block

### THE FOLLOWING MEMBERS WERE PRESENT FOR THE MEETING

S.No.	NAME	SIGNATURE
1.	<b>Dr. S. Sundar Manoharan</b> Vice-Chancellor, Sathyabama Institute of Science and Technology, <b>Chairman</b>	
2.	<b>Dr. B. Sheela Rani</b> , Director (Research), Sathyabama Institute of Science and Technology <b>Convener &amp; Member Secretary</b>	
3.	<b>Dr. T. Sasipraba</b> – Pro Vice-Chancellor, Sathyabama Institute of Science and Technology	
4.	<b>Dr. Aruni Wilson</b> – Pro Vice-Chancellor, Sathyabama Institute of Science and Technology	
5.	<b>Dr. S. Bose</b> – Professor, Department of Computer Science, Anna University, Chennai - 600025	
6.	<b>Dr. R. Govindaraj</b> – Senior Principal Scientist, CEERI Centre, CSIR Madras Complex, Taramani, Chennai – 600113.	
7.	<b>Dr. A. Velayudham</b> – Scientist – F, Combat Vehicles Research and Development Establishment (CVRDE), Avadi, Chennai.	
8.	<b>Dr. Mukesh Doble</b> – Professor, University of Aston (UK), Department of Biotechnology, Bhupat and Indian Institute of Technology Madras, Chennai – 600036.	
9.	<b>Dr. M. Alagar</b> – Professor, A.C. Tech Campus, Anna University, Chennai – 600025.	
10.	<b>Dr. E. Natarajan</b> – Professor, Institute for Energy Studies, Anna University, Chennai - 600025	
11.	<b>Dr. M. Mathirajan</b> – Chief Research Scientist, Department of Management Studies, Indian Institute of Science (IISc), Bangalore.	
12.	<b>Dr. S.S. Rau</b> – Registrar, Sathyabama Institute of Science and Technology	

Dr. B. SHEELA RANI, M.S. (B) Research, IISc  
DIRECTOR (RESEARCH)

B. Sheela Rani  
(Member Secretary)  
**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
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Jeppiaar Nagar, Rajiv Gandhi Salai,  
Chennai - 600 119.

13.	<b>Dr. E. Logashanmugam</b> – Director (Administration), Sathyabama Institute of Science and Technology	<i>E. Logashanmugam</i>
14.	<b>Dr. G. Sundari</b> – Dean (Student Affairs), Sathyabama Institute of Science and Technology	<i>G. Sundari</i>
15.	<b>Dr. T. Sasikala</b> – Dean (School of Computing), Sathyabama Institute of Science and Technology	<i>T. Sasikala</i> 23/3/19
16.	<b>Dr. N. M. Nandhitha</b> – Dean (School of Electrical and Electronics Engineering), Sathyabama Institute of Science and Technology	<i>N. M. Nandhitha</i>
17.	<b>Dr. S. Prakash</b> – Dean (School of Mechanical Engineering), Sathyabama Institute of Science and Technology	<i>S. Prakash</i> 23/3/19
18.	<b>Dr. Bhuvaneswari</b> – Dean (School of Management Studies), Sathyabama Institute of Science and Technology	<i>Bhuvaneswari</i>
19.	<b>Dr. M. Sundareswari</b> – Dean (School of Science & Humanities), Sathyabama Institute of Science and Technology	<i>M. Sundareswari</i> 23/3/2019
20.	<b>Dr. Vigneshwari</b> – Head, Dept. of Computer Science and Engineering, Sathyabama Institute of Science and Technology	<i>Vigneshwari</i> 23/3/19
21.	<b>Dr. Dilshad Shaik</b> , - Dean (School of Law), Sathyabama Institute of Science and Technology	<i>Dilshad Shaik</i> 23/3/19
22.	<b>Dr. Thayumanavan</b> – Dean (Dental College and Hospital), Sathyabama Institute of Science and Technology	<i>Thayumanavan</i> 23/3/19

*B. Shula Ravi*  
*(Member Secretary)*  
**Dr. B. SHULAKRANI**, M.S. (By Research), Ph.D.,  
 DIRECTOR (RESEARCH)  
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# SATHYABAMA

## Institute of Science and Technology

(Established under Section 3 of the UGC Act, 1956)

Declared as Category "A" University by Ministry of HRD, Govt. of India

(A CHRISTIAN MINORITY INSTITUTION)

Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600 119, Tamil Nadu, India



## 16<sup>th</sup> BOARD OF RESEARCH MEETING – MARCH 2019

**Date:** 23.03.2019

**Time:** 10:00 AM

**Venue:** Board Room, Second Floor  
Administrative Block

### MEETING AGENDA

#### **Welcome Address**

**: Dr. S. Sundar Manoharan**

Chairman, Board of Research

Sathyabama Institute of Science and Technology

#### **Briefing on the Objectives of the meeting**

**: Dr. B. Sheela Rani**

Convener & Member Secretary – Board of Research

Sathyabama Institute of Science and Technology

### MEMBERS:

#### **Internal Members:**

- |                            |   |
|----------------------------|---|
| 1) Dr. S. Sundar Manoharan | Vice-Chancellor   |
| 2) Dr. T. Sasipraba        | Pro Vice-Chancellor                                     |
| 3) Dr. Aruni Wilson        | Pro Vice-Chancellor                                     |
| 4) Dr. S.S. Rau            | Registrar   |
| 5) Dr.B.Sheela Rani        | Director(Research)                                      |
| 6) Dr. E. Logashanmugam    | Director (Administration)                               |
| 7) Dr. G. Sundari          | Dean (Student Affairs)                                  |
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| 11) Dr. M. Sundareswari    | Dean (School of Science & Humanities)                   |
| 12) Dr.G. Vigneswari       | Head,School of Computing                                |

#### **Invitees**

- |                        |                                    |
|------------------------|------------------------------------|
| 13) Dr.T.Sasikala      | Dean(School of Computing)          |
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| 15) Dr. Thayumanavan   | Dean (Dental College and Hospital) |

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- 3) Dr. A. Velayudham, Scientist – F, CVRDE, Avadi, Chennai.
- 4) Dr. Mukesh Doble , Professor, Ph.D, Indian Institute of Technology Madras, Chennai – 600 036.
- 5) Dr. M. Alagar , Professor, A.C. Tech Campus, Anna University, Chennai – 600 025.
- 6) Dr. E. Natarajan, Professor, Institute for Energy Studies, Anna University, Chennai - 600025
- 7) Dr. M. Mathirajan, Chief Research Scientist, Department of Management Studies, Indian Institute of Science (IISc), Bangalore

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*B. Sheela Rani*  
(Member Secretary)

## AGENDA

### REPORT

- Ph.D Admissions - January 2019
- Supervisor Recognition - January 2019
- Defending Viva Voce Examinations Conducted - for the academic year 2018 - 2019 to till date
- Action taken on the 15<sup>th</sup> Board of Research meeting held on 1<sup>st</sup> September, 2018 on the research progress of Scholars - on extension - Break of study, confirmation of registration - cancellation of registration

### FOR DISCUSSION AND APPROVAL

1. Decision on Faculty for award of Ph.D Degree
2. Coursework through - NPTEL
3. Cancellation of Ph.D program - Discontinuation, First DC Meeting not conducted, Provisional Registration not confirmed, Extension Meetings not conducted,
4. Break of study - Requested by candidates
5. Any other points for discussion
6. Decision on Faculty and course work for NRI Candidates

*B. Shreela Rai*  
(*Member Secretary*)  
Dr. B. SHREELA RANI, M.S. (By Research), Ph.D.,  
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