



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A++" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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MINUTES OF THE 23rd BOARD OF RESEARCH MEETING HELD ON 24th FEBRUARY 2024, AT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI

The Board of Research meeting was held on **24th February 2024**, @ 10.00 am convened by the Member Secretary / Director (Research).

Welcome Address

: **Dr. T.Sasipraba**

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. T.Sasipraba | Vice-Chancellor |
| 2) Dr. E. Logashanmugam | Pro Vice-Chancellor |
| 3) Dr. S.S. Rao | Registrar |
| 4) Dr.B.Sheela Rani | Director(Research) |
| 5) Dr. G. Sundari | Director (Administration) |
| 6) Dr. S. Igini Sabasti Prabu | Controller of Examination |
| 7) Dr. N. M. Nandhitha | Dean (School of Electrical and Electronics Engineering) |
| 8) Dr. G.Bhuvaneshwari | Dean (School of Management Studies) |
| 9) Dr.T.Sasikala | Dean (School of Computing) |
| 10) Dr. Dilshad Shaik | Dean (School of Law) |
| 11) Dr. Shahul Hameed Faizee | Dean (School of Dental Sciences) |
| 12) Dr.Rekha Chakravarthi | Dean (Arts and Science) |
| 13) Dr. V. Ramesh Kumar | Associate Professor & Head, Dept. of Biotechnology |
| 14) Dr.J.Karthikeyan | Associate Professor & Head, Dept. of Chemistry |
| 15) Dr.S.Ganesan | Professor & Head, Dept. of Mechanical Engineering |

External Members:

- 1) Dr. S. Bose, Professor, DCSE, CEG, Anna University, Chennai.
- 2) Dr. R. Govindaraj, Chief Scientist (Retd.), CEERI Centre, CSIR Madras Complex, Taramani, Chennai – 600 113.
- 3) Dr. A. Velayudham – Visiting Professor, Dept. of Manufacturing Engineering, College of Engineering Guindy, Anna University, Chennai-25. & Scientist 'G', (Retd.), Additional Director (Mfg.), CVRDE, DRDO Min. of Defence, Avadi, Chennai-54.

Chairman's Initial

B. Sheela Rani

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- 4) Dr. Mukesh Doble –Professor, Ph.D, University of Aston (UK), Department of Biotechnology, Bhupat and Indian Institute of Technology Madras, Chennai – 600 036.
- 5) Dr. M. Alagar, Professor of Chemistry(Retd.), Anna University, Chennai - 600 025.
- 6) Dr.M.Pradeep Kumar, Professor, Director, AU-FRG Institute for CAD/CAM, Dept. of Mechanical Engg., College of Engineering, Guindy, Anna University, Chennai - 600025
- 7) Dr.M.Mathirajan, Chief Research Scientist, Department of Management Studies, Indian Institute of Science (IISc), Bangalore.
- 8) Dr.N.Raj Vikram, Professor, Dept. of Orthodontics & Dentofacial Orthopedics, Thai Moogambigai Dental College and Hospital, Chennai
- 9) Dr.R.Haritha Devi, Director Research Publication and Academic Affairs, The Tamil Nadu Dr Ambedkar Law University (TNDALU), Chennai.

Dr.B.Sheela Rani, Convener & Member Secretary welcomed the members of the Board.

Dr.T.Sasipraba, Hon'ble Vice Chancellor welcomed the members of the board and addressed the gathering. She expressed that there is enormous growth in the research both from the academic side and from research. Also, added that the inclusion in the Faculty of Ph.D program in Law and Dental Surgery had enabled for admission. She invited to give inputs on the academic research for future improvement and requested the Member Secretary to take the proceedings forward.

The Convener of the Board briefed on the PhD admissions that had happened in the last one year - July 2023 and January 2024 batch and also the supervisors who have got the eligibility for recognition during this period. The recipient of the Col. Dr.Jeppiaar best thesis Award during the convocation in the month of August 2023, was also presented. The status of the defending viva voce conducted so far and the action taken in the last board of research meeting was also briefed.

Academic Research activities for the period July 2023 – Feb 2024

Ph.D Admissions

For the session July 2023, admissions as per the UGC procedures of conducting the entrance examination and screening presentation in the 70 percentage 30 percentage basis, which we have conducted in our University campus on **17th May, 2023**. Based on their performance, **115 candidates** have been selected. **27 candidates** have registered under Full-Time mode, and **88 Candidates** have registered under Part-Time mode.

For the session January 2024, the Entrance Examination along with oral screening Presentation has been conducted on **25th November, 2023**. Based on their performance, **95 candidates** have been selected. **18 candidates** have registered under Full-Time mode, and **77 Candidates** have registered under Part-Time mode.

Supervisor Recognition:

With the criterion, for recognition as Supervisor, after one year of completion of PhD with some research activity being carried out with a publication is being considered. So with these norms, **26 Faculty** have been recognized as supervisors for the period July 2023 to December 2023. **2** from Faculty of Computer Science and Engineering, **4** from Faculty of Electronics Engineering, **2** from Faculty of Mechanical Engineering, **3** from

Faculty of Science (Chemistry), 4 from Faculty of Science (Physics), 6 from Faculty of Science (Life Sciences), 1 from Faculty of Architecture, 3 from Faculty of Dental Surgery and 1 from Faculty of Law.

Award of Ph.D Degree (2022 – 2023) / Status of Defending Viva Voce Examination (2023 – 2024)

For the academic year 2022 – 2023, Convocation was held on 14th August, 2023. 102 Candidates have been awarded with Ph.D degree. "Col.Dr.Jeppiaar Best Thesis Award" has been awarded to Dr.T.Dharini, under the Faculty of Science (Physics) based on the criterion – Publications, Impact on Research, Impact on Society and Thesis Evaluation comments received from Indian and Foreign Examiners, with approval from Board of Research Members.

For the academic year 2023 – 2024, to till date, 34 candidates have completed the defending Viva Voce successfully. Indian and Foreign Examiners reports have been received for 12 Candidates and are yet to conduct Viva Voce.

Action taken on the 22nd Board of Research meeting

- **BOR 22.1, 22.2 & 22.3** – With the recommendations given in the 22nd Board of Research meeting and with the approval from 65th Board of Management meeting changes has been made in the Faculty for Award of Ph.D degree, with inclusion of new Ph.D Programme, and in line with University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022 Sathyabama Ph.D regulations were framed and hosted.
- **BOR 22.6** – Members suggested to initiate integrated Ph.D Programme which will enable research aspirants to get credentials in two disciplines
- **BOR 22.4** – A Candidate can be considered for re-registration if he / she confirmed the Provisional registration and assures that they will be able to complete it in additional 2 years of time.

BOR 23.1.1

Cancelled and Reregistered – Decisions to be taken (very early registration)

Name of the Candidate : **K.K.Gopikrishnan**, already registered in 2016 July batch and

Cancellation of Registration given on 10-07-2023 – Provisional registration Confirmed.

To decide on Re-registration

Supervisor Decision - With earlier Supervisor (or) New Supervisor (or) New supervisor with earlier one as Joint Supervisor

Name of the Candidate : **Patil Pradeep Manikrao**, already registered in 2011 July batch and Cancellation of Registration given on 13-04-2022.

Publications – 1 IEEE Conference, 1 Journal indexed in Scopus.

To decide on Re-registration

Supervisor Decision - With earlier Supervisor (or) New Supervisor (or) New supervisor with earlier one as Joint Supervisor

Dr.Alagar stated that once cancellation is done officially, it cannot be revoked. They are to be considered only as fresh candidate. BOR will only give the recommendations and approvals are to be given by BOM.

Dr.Mathirajan insisted that after cancellation, if the candidate comes with a draft copy of thesis, it will be scrutinized by experts and based on their recommendations it will be sent for evaluation. They cannot start with the fresh topic. **Dr.Mukesh** also acknowledged the same.

Dr.Govindarajan stated that once cancellation has been done, the candidate should freshly register but consideration can be given on the coursework based on the research topic and with recommendations from DC members.

Hence decided on the following

Name of the Candidate : **K.K.Gopikrishnan and Patil Pradeep Manikrao**

To register as a fresh candidate, with a new Supervisor from University and the Joint Supervisor being the earlier Supervisor.

BOR 23.1.2

Cancelled and Reregistered – Decisions to be taken (Registered in a short time period)

Name of the Candidate : **Ms. Shamini G S.** Reg. No.2022792102, already registered in 2016 July Batch and registration cancelled on 13-08-2020. Re-registered in July 2022 batch.

She has completed all the 4 course works and received course completion certificate in July 2018. She has been given exemption for 1 coursework (as this subject is related to the research work) and completed 3 other course works suggested by DC members and received the course completion certificate.

Name of the Candidate : **Ms. C.Anu** Reg. No.2024195103, already registered in 2020 July Batch and registration cancelled on 13-08-2020. Re-registered in Jan 2024 batch.

She has completed all the 4 course works and She has been given exemption for all the coursework (as these subject is related to the research work) suggested by DC members.

Based on the above case – To decide on Coursework exemption (Registration for Ph.D program in a short time period).

Dr.Mathirajan stated that the Research Methodology coursework is a common subject and if completed it can be considered for exemption. For other course works, it should be ensured whether it is fundamental in nature or a basic course on the subject discipline. If it is a basic course on subject discipline, it can be exempted based on the research topic chosen currently.

Dr.Mukesh acknowledged **Dr.Mathirajan's** statement and said that decision to be taken depending on what core courses taken related to research topic and the peripheral courses which are little bit peripheral to the topic can be exempted.

Dr.Govindarajan suggested that if there is any change in the syllabus, it is also an another important factor which is to be taken into account.

Hence decided to exempt if Research Methodology coursework has been completed, and other subjects will be decided case to case taking into the recommendations given by the members.

Submission of Final Thesis after 3 years - Synopsis meeting completed in Aug 2020.

Name of the Candidate : **M. Sreedhar**, Reg. no. 2015199301

Synopsis meeting completed on 28th August 2020.

Thesis being brought for submission in Dec 2023 – To decide on further procedures on processing.

Dr.Alagar, mentioned that cancellation can be initiated based on the decision taken in BOR 23.1.1 **Dr.Govindarajan** said that if research work do not match with the current trend as the work has been carried out 3 years before, if it does not deserve, then cancellation can be initiated. **Dr.Mukesh**, acknowledged the view of **Dr.Govindarajan**. **Dr.Mathirajan** suggested to draft Cancellation policy and include the same in the regulations so that the candidate will be aware of the procedures and the difficulties arising in cancellation can be eliminated.

Hence decided to constitute a committee to evaluate the research work done and based on the recommendations it is decided to send for evaluation procedure further.

BOR 23.3**Decision on selection for the applications received towards admission**

Mr.Kathirvel.P

UG : B.Sc. Physics in Manonmaniam Sundaranar University, 78%

PG : MCA in Indira Gandhi National Open University, 65%

Working Experience

Oct 2000 – June 2002 – Pentasoft Technologies Ltd – Programmer

July 2002 – April 2004 – Protechsoft Systems Pvt Ltd – Sr.Software Engineer

April 2004 – April 2005 – Satyam Computers Services Ltd - Sr.Software Engineer

May 2005 – Jul 2012 – Wipro Technologies – Manager

Aug 2012 – Till Date – Tata Consultancy Services – Sr.Consultant

Total years of Experience : 23 years

Admission for Ph.D program under Faculty of Science (Computer Sciences)

Mr.Gireesh Sundaram & Mr.Srinath Mugundhan

Candidates completed M.Tech (Data Science and Engineering) in BITS Pilani in Part time

Duration of course – 2 years (2020 – 2022)

Admission for Ph.D program under Faculty of Computer Science and Engineering

Ms.N.V.Sudha

UG : BA Corporate Secretaryship – University of Madras – Commerce – 75%

PG – Master of Financial Management – Pondicherry University – Finance – 67%

Completed MBA through Distance Education

Experience

2001 to Till date – HCL Technologies - Senior Manager

Total years of Experience : 22 years

Mr.R K Kishore

UG : B.Com – Dr.CV Raman University – Accounts – 68%

PG – MBA – Suresh Gyan Vihar University, Rajasthan– Project Leadership Management – 6.88

Experience

May 2012 to Oct 2013 – Omega Health Care – Analyst

Oct 2013 to Nov 2016 – Advantedge Health Care Solutions – Senior Analyst

Jan 2017 – Feb 2019 - Emst & Young - Consultant

Feb 2019 – Oct 2021 – Capgemini – Project Manager

Dec 2021 – Till date – HCL Technologies – Deputy Manager

Total years of Experience : 11 years

Mr.Siddharth Jain

PG : 3 years part time Postgraduate Diploma Programme in Management (Approved by AICTE) - IMI

Admission for Ph.D program under Faculty of Management

Dr.Mathirajan and other members, suggested to get clearance from AICTE for admission to Ph.D with PG in distance Education mode for Engineering and from UGC for other courses.

BOR 23.4

Candidates those who have completed their maximum time period of 8 years and still not submitted the thesis and ongoing – To decide on the semester fee.

Dr.Alagar , Dr.Bose, Dr.Mukesh, Dr.Govindarajan and other members suggested that after maximum period of time, the candidate has to follow the current fee structure.

BOR 23.5

Candidates on completion of their maximum time period of 2 years of extension, had been asked to submit a declaration form mentioning the final date of submission of thesis duly signed by both the candidate and the supervisor beyond which Cancellation will be done without further information. If still not submitted - To decide on Cancellation

Dr.Mathirajan, Dr.Alagar and other members suggested to proceed with Cancellation if not adhering to the date given in the declaration form and once again suggested to draft the Cancellation policy.

BOR 23.6**Progress of Research Candidates – On Extension/ Break of Study/Cancellation of Ph.D**

Following, **17 candidates** have not conducted first DC meeting, **18 candidates** have not confirmed their Provisional Registration even after the maximum time period, **26 candidates** have requested for course discontinuation **1 candidate** for no work progress and **5 candidates** for having exceeded the time period even after 2 years of extension and **3 Candidates** from M.Tech (By Research) exceeded their maximum time period. Hence cancellation is done as recommended by the Board.

The letters will be sent officially by registered post.

First DC Meeting not conducted

Sl.No.	Name of the Candidate	Reg.No.	Faculty
1	Gorintala Charan Kumar	2023792109	Electronics Engineering
2	Manisha Mishra	2023792111	Electronics Engineering
3	Thirumaran M	2023796204	Architecture
4	Rizwana.M	2023799101	Arts (English)
5	Punitha K	2023799509	Science (Computer Sciences)
6	Pinaki Banerjee	2023799602	Science (Life Sciences)
7	Hamia Stanny Noronha	2023799607	Science (Life Sciences)
8	Sanjai Dharshan S	2023799617	Science (Life Sciences)
9	Lavaneeswari P	2023799623	Science (Life Sciences)
10	Priya S	2023799901	Science (Life Sciences)
11	Kanya S	2023799902	Science (Life Sciences)
12	Roshni M	2023799903	Science (Life Sciences)
13	Preethi A	2024190303	Law
14	Mercy Jeffins D	2024193102	Electrical
15	Nithya Shree K	2024199702	Science (Visual Communication)
16	G.Thulasi	2024199602	Science (Life Sciences)
17	Ajisha	2024199301	Science (Physics)

Provisional Registration not confirmed

Sl.No.	Name of the Candidate	Reg.No.	Faculty
1	Divya.S	2018791110	Computer Science and Engineering
2	Mohd Abass Sofi	2019199401	Science (Chemistry)
3	V Roja	2020199403	Science (Chemistry)
4	Eswar Babu	2020791116	Computer Science and Engineering
5	Eldhose P. Sim	2020791205	Computer Science and Engineering
6	Gaddam Ravi Teja	2020796102	Civil Engineering
7	G.Sathyaraj	2020799202	Science (Mathematics)
8	V.Pradheepa	2020799301	Science (Physics)
9	Prasad Gone	2021191116	Computer Science and Engineering
10	Janani.M	2021192109	Electronics Engineering
11	Karnam Rajeev	2021193102	Electrical Engineering
12	Naveen	2021194101	Mechanical Engineering
13	Venu Madhan	2021194102	Mechanical Engineering
14	Asi Mohan Rao	2021194103	Mechanical Engineering
15	Vithal	2021196102	Civil Engineering
16	Thangagani	2021199201	Science (Mathematics)
17	Priya Bharti	2021199609	Science (Life Sciences)
18	Kajal C Khrtri	2021791108	Computer Science and Engineering

Discontinuation

Sl.No.	Name of the Candidate	Reg.No.	Faculty
1	Neetha Mohan C	2017796203	Architecture
2	Elumalai	2018191106	Computer Science and Engineering

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3	Shiela David	2018791112	Computer Science and Engineering
4	Alphonas Thomas	2019199403	Science (Chemistry)
5	Jayanthi Harini	2019791123	Computer Science and Engineering
6	Pittala Anil Kumar	2019794105	Mechanical Engineering
7	Vasavi B	2019799203	Science (Mathematics)
8	Josmy Mathew	2019799501	Science (Computer Sciences)
9	Hanan Basheer K	2020199201	Science (Mathematics)
10	Mutkule Prasad Raghunath	2021791102	Computer Science and Engineering
11	S.V.Swathi	2022191118	Computer Science and Engineering
12	Tanneeru Gopisairam	2022199202	Science (Mathematics)
13	Nani Kishore.M	2022199402	Science (Chemistry)
14	Ponbarani E	2022199603	Science (Life Sciences)
15	M Jithrey Hashan	2022798103	Management
16	Babar Yogita Vikram	2022799401	Science (Chemistry)
17	S lakshmi Narayanan	2022799609	Science (Life Sciences)
18	Dhanalakshmi. M	2022199608	Science (Life Sciences)
19	Thamaraiselvi.K	2023199614	Science (Life Sciences)
20	Bhuvaneshwari G	2023798111	Management
21	Infant Vishwa M B	2023799405	Science (Chemistry)
22	D.Anusuja	2020799502	Science (Computer Sciences)
23	Aparna Nagineni	2022194102	Mechanical Engineering
24	Vijay Kumar Reddy. B	2018793102	Electrical Engineering
25	Sarju.S	2019191117	Computer Science and Engineering
26	Ch. Pavithra	2024191101	Computer Science and Engineering

Extension meeting not conducted

Sl.No.	Name of the Candidate	Reg.No.	Faculty
1	M.Manikandan	2017196104	Civil Engineering

Period over (beyond 2 years of Extension)

Sl.No.	Name of the Candidate	Reg.No.	Faculty
1	Sunitha Mahesh Kulkarni	2014192105	Electronics Engineering
2	G.Kavitha	2011199622	Management
3	Vijayakumar .M	2014794117	Mechanical Engineering
4	Biju.K.V	2014799601	Science(Computer Sciences)
5	Stefi Merin.X.R	2015798104	Management

M.Tech (By Research) – Period over

Sl.No.	Name of the Candidate	Reg.No.	Faculty
1	R.Kavitha	2013782101	Electronics Engineering
2	Alok Ranjan	2016187101	Chemical Engineering
3	Mantra Vinayagam	2015187101	Chemical Engineering

Break of study – Requested by candidates

Sl.No.	Name of the Candidate	Reg.No.	Period of Break
1.	Litty Koshi	2018791118	July 2023 – Dec 2023
2.	A.Anix May Javitha	2020791113	July 2023 – June 2024
3.	Sheetal Amraotkar	2020196201	Jan 2024 – June 2024

Dr.Mathirajan appreciated about the admission on the number of full-time students admitted and part-time students. But from data analytics point of view, asked to give information disciplinewise. Also asked to include in presentation about the number of Part time students, full time students, how many completed successfully and how many in trouble. This summary will be useful for analysis

The meeting concluded with the vote of thanks given by the Vice Chancellor for having given a good for thought.

B. Shukla Rai
(Member - Secretary)



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23rd BOARD OF RESEARCH MEETING – FEBRUARY 2024

Date: 24/02/2024

Time: 10:00 AM

Venue: Virtual Mode

THE FOLLOWING MEMBERS WERE PRESENT FOR THE MEETING

Sl.No.	Name	Signature
1.	Dr.T.Sasipraba Vice-Chancellor, Sathyabama Institute of Science and Technology, Chairman, Board of Research	
2.	Dr.E.Logashanmugam Pro Vice-Chancellor, Sathyabama Institute of Science and Technology	
3.	Dr.S.S. Rao Registrar, Sathyabama Institute of Science and Technology	
4.	Dr. B. Sheela Rani Director (Research), Sathyabama Institute of Science and Technology, Convener & Member Secretary, Board of Research	
5.	Dr.G.Sundari Director(Admin.), Sathyabama Institute of Science and Technology	
6.	Dr.S.Igni Sabasti Prabu COE, Sathyabama Institute of Science and Technology	
7.	Dr. S. Bose, Professor, DCSE, CEG, Anna University, Chennai	Online
8.	Dr. R. Govindaraj, Chief Scientist (Retd.), CEERI, CSIR Madras Complex, Taramani.	online
9.	Dr.A.Velayudham, Visiting Professor, Dept. of Manufacturing Engg, CEG, Anna University, & Scientist 'G', (Retd.), Add Director (Mfg.), CVRDE, DRDO.	Absent
10.	Dr. Mukesh Doble, Professor, Indian Institute of Technology Madras, Chennai	online
11.	Dr.M.Alagar, Professor of Chemistry(Retd), Anna University, Chennai	online
12.	Dr.M.Pradeep Kumar, Professor, Director, AU-FRG Institute for CAD/CAM, Dept. of Mechanical Engg., College of Engineering, Guindy, Anna University, Chennai	online
13.	Dr.M.Mathirajan, Chief Research Scientist, Department of Management Studies, Indian Institute of Science (IISc), Bangalore	online

14.	Dr.N.Raj Vikram , Professor, Dept. of Orthodontics & Dentofacial Orthopedics, Thai Moogambigai Dental College and Hospital, Chennai	online
15.	Dr.R.Haritha Devi , Director Research Publication and Academic Affairs, The Tamil Nadu Dr. Ambedkar Law University (TNDALU), Chennai	Absent
16.	Dr.T.Sasikala , Dean (School of Computing), Sathyabama Institute of Science and Technology	<u>P.Coll</u>
17.	Dr.N.M.Nandhitha , Dean (School of Electrical and Electronics Engineering), Sathyabama Institute of Science and Technology	ML
18.	Dr.Bhuvaneshwari , Dean (School of Management Studies), Sathyabama Institute of Science and Technology	Bhuvaneshwari
19.	Dr.Dilshad Shaik , Dean (School of Law), Sathyabama Institute of Science and Technology	Absent
20.	Dr. Shahul Hameed Faizee , Dean (School of Dental Sciences) Sathyabama Institute of Science and Technology	<u>Shahul</u>
21.	Dr.Rekha Chakravarthi Dean (Arts and Science) Sathyabama Institute of Science and Technology	<u>Rekha Chakravarthi</u>
22.	Dr.J.Karthikeyan , Assoc. Prof., Dept. of Chemistry, Sathyabama Institute of Science and Technology	J. Karthikeyan
23.	Dr. V. Ramesh Kumar Associate Professor & Head, Dept. of Biotechnology, Sathyabama Institute of Science and Technology	<u>Ramesh Kumar</u>
24.	Dr.S.Ganesan , Professor & Head, Dept. of Mechanical Engineering Sathyabama Institute of Science and Technology	<u>Ganesan</u>