



# Bharath

## INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)  
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4<sup>th</sup> July 2002)



Phone : 044-22290742 / 22290125 . Telefax : 044-22293886  
Website : www.bharathuniv.ac.in

173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Ref. No: 21/BIST/RAC/2018

Date: 02/01/2018

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. V. Kanagasabai, Vice Chancellor with the following members.

S. No.	Name of the Members	Designation	RAC Position
1.	Dr. V. Kanagasabai	Vice Chancellor	Chairman
2.	Dr. M. Sundararajan	Dean R & D	Secretary
3.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
4.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
5.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
6.	Dr. P. Naveen Chandran	Head of the Department - Auto mobile, Bharath Institute of Science and Technology	Member
7.	Dr. P. Dayakar	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
8.	Dr. R. Raja	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
9.	Dr. P. Sengotuvel	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
10.	Dr. K.P. Kaliyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member
11.	Dr. A. Kumaravel	Head of the Department – Information Technology, Bharath Institute of Science and Technology	Member
12.	Dr. S. Prakash	Head of the Department –	Member

		Electrical & Electronics Engineering, Bharath Institute of Science and Technology	
13.	Dr. M. Sangeetha	Head of the Department – Electronics Communication Engineering, Bharath Institute of Science and Technology	Member
14.	Dr. P.B. Ramesh Babu	Head of Department Genetic Engineering , Bharath Institute of Science and Technology	Member
15.	Dr. L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
16.	Dr. R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
17.	Dr. V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
18.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
19.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
20.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member
21.	Dr. R. Sangeetha	Head of Department Tourism and Hotel Management, Bharath Institute of Science and Technology	Member

  
Chairman

Copy to

- 1) All the members of the Committee
- 2) PA to VC
- 3) PA to Pro-VC
- 4) PA to ADR
- 5) HOD/Dean of all Departments
- 6) Administrative Officer
- 7) Notice board



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Accredited by  
**NAAC**  
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Chennai - 600 073. Tamil Nadu.

Phone : 044-22290742 / 22290125 . Telefax : 044-22293886  
Website : www.bharathuniv.ac.in

### Minutes of the 21<sup>st</sup> Research Advisory Committee meeting held in the Conference Hall of BIHER on 23.01.2018 at 11.00 a.m.

**Chairperson:** Dr. V. Kanagasabai, Vice-Chancellor

**Members Present:** As per list attached

The Vice Chancellor has welcomed all the Members of the Research Advisory Committee (RAC) to the 21<sup>st</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/21/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 21.07.17</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 21.07.17.</p>
02/21/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous Meeting of RAC held on 21.07.17</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action taken Report on the Minutes of RAC meeting held on 21.07.17</p>
03/21/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 21.07.17</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting held on 21.07.17</p>

04/21/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the Research Activities.</p> <p>RESOLUTION:</p> <p>RESOLVED to consider the Report submitted by Dean (R&amp;D) on the Research activities.</p>
05/21/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (Ph. D Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of examination held.</p>

The Member Secretary thanked all the members of RAC for their participation in the meeting and the Meeting was concluded.



**MEMBER SECRETARY**



**CHAIRMAN**



# Bharath

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173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Ref. No: 22/BIST/RAC/2018

Date: 26/06/2018

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. V. Kanagasabai, Vice Chancellor with the following members.

S. No.	Name of the Members	Designation	RAC Position
1.	Dr. V. Kanagasabai	Vice Chancellor	Chairman
2.	Dr. M. Sundararajan	Dean R & D	Secretary
3.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
4.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
5.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
6.	Dr. P. Naveen Chandran	Head of the Department – Auto, Bharath Institute of Science and Technology	Member
7.	Prof. P. Dayakar	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
8.	Dr. R. Raja	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
9.	Dr. P. Sengotuvel	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
10.	Dr. K.P. Kaliyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member
11.	Dr. A. Kumaravel	Head of the Department – Information Technology, Bharath Institute of Science and Technology	Member
12.	Dr. S. Prakash	Head of the Department –	Member

		Electrical & Electronics Engineering, Bharath Institute of Science and Technology	
13.	Dr.M. Sangeetha	Head of the Department – Electronics Communication Engineering, Bharath Institute of Science and Technology	Member
14.	Dr. P.B. Ramesh Babu	Head of Department Genetic Engineering , Bharath Institute of Science and Technology	Member
15.	Dr.L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
16.	Dr.R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
17.	Dr.V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
18.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
19.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
20.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member
21.	Dr. R. Sangeetha	Head of Department Tourism and Hotel Management, Bharath Institute of Science and Technology	Member

  
Chairman

Copy to

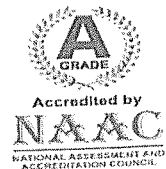
- 1) All the members of the Committee
- 2) PA to VC
- 3) PA to Pro-VC
- 4) PA to ADR
- 5) HOD/Dean of all Departments
- 6) Administrative Officer
- 7) Notice board



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### Minutes of the 22<sup>nd</sup> Meeting of the Research Advisory Committee held in the Conference Hall of BIHER on 12/07/2018 at 11.00 a.m.

**Chairperson:** Dr. V. Kanagasabai, Vice-Chancellor

**Members Present:** As per list attached.

The Vice Chancellor has welcomed all the Members of the Research Advisory Committee (RAC) to the 22<sup>nd</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/22/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 23/01/2018.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 23/01/2018.</p>
02/22/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous RAC meeting held on 23/01/2018.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action Taken Report on the Minutes of the previous RAC meeting held on 23/01/2018.</p>
03/22/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 23/01/2018.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting (AC) held on 23/01/2018.</p>

04/22/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the research activities.</p> <p>RESOLUTION:</p> <p>Resolved to consider the Report submitted by Dean (R&amp;D) on the research activities.</p>
05/22/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (PhD Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of the examinations held.</p>

The Member Secretary thanked all the members of the RAC for their participation in the meeting and the Meeting was concluded.



**MEMBER SECRETARY**



**CHAIRMAN**





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173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Ref. No: 23/BIST/RAC/2018

Date: 26/12/2018

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. V. Kanagasabai, Vice Chancellor with the following members.

S.No	Name of the Members	Designation	RAC Position
1.	Dr. V. Kanagasabai	Vice Chancellor	Chairman
2.	Dr. K.P. Thooyamani	Pro Vice-Chancellor	Secretary
3.	Dr. M. Sundararajan	Dean R & D	Member
4.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
5.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
6.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
7.	Dr. P. Naveen Chandran	Head of the Department – Auto Mobile, Bharath Institute of Science and Technology	Member
8.	Dr. P. Dayakar	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
9.	Dr. R. Raja	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
10.	Dr. P. Sengotuvel	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
11.	Dr. K.P. Kalaiyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member
12.	Dr. A. Kumaravel	Head of the Department – Information Technology, Bharath Institute of Science and Technology	Member
13.	Dr. S. Prakash	Head of the Department – Electrical & Electronics Engineering, Bharath Institute of Science and Technology	Member
14.	Dr.M. Sangeetha	Head of the Department –	Member

		Electronics Communication Engineering, Bharath Institute of Science and Technology	
15.	Dr. P.B. Ramesh Babu	Head of Department Genetic Engineering , Bharath Institute of Science and Technology	Member
16.	Dr.L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
17.	Dr.R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
18.	Dr.V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
19.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
20.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
21.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member
22.	Dr. R. Sangeetha	Head of Department Tourism and Hotel Management, Bharath Institute of Science and Technology	Member

  
Chairman

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- 4) PA to ADR
- 5) HOD/Dean of all Departments
- 6) Administrative Officer
- 7) Notice board



**Minutes of the 23<sup>rd</sup> Research Advisory Committee meeting held in the  
Conference Hall of BIHER on 10.01.2019 at 11.00 a.m.**

**Chairperson:** Dr. V. Kanagasabai, Vice Chancellor

**Members Present:** As per list attached.

The Vice Chancellor has welcomed all the Members of the Research Advisory Committee (RAC) to the 23<sup>rd</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/23/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 12.07.2018.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 12.07.2018.</p>
02/23/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous Meeting of RAC held on 12.06.2018</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action taken Report on the Minutes of RAC meeting held on 12.07.2018</p>
03/23/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 12.07.2018</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting held on 12.07.2018</p>

04/23/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the Research Activities.</p> <p>RESOLUTION:</p> <p>RESOLVED to consider the Report submitted by Dean (R&amp;D) on the Research activities.</p>
05/23/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (Ph.D. Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of examination held.</p>

The Member Secretary thanked all the members of RAC for their participation in the meeting and the Meeting was concluded.



**MEMBER SECRETARY**



**CHAIRMAN**



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173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Ref. No: 24/BIST/RAC/2019

Date: 27/06/2019

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. V. Kanagasabai, Vice Chancellor with the following members.

S.No	Name of the Members	Designation	RAC Position
1.	Dr. V. Kanagasabai	Vice Chancellor	Chairman
2.	Dr. R.M. Suresh	Pro Vice-Chancellor	Secretary
3.	Dr. M. Sundararajan	Dean Research	Member
4.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
5.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
6.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
7.	Dr. P. Naveen Chandran	Head of the Department – Auto, Bharath Institute of Science and Technology	Member
8.	Dr. A. Mani	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
9.	Dr. Balasubramanian	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
10.	Dr. P. Sengotuvel	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
11.	Dr. K.P. Kaliyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member
12.	Dr. A. Kumaravel	Head of the Department – Information Technology, Bharath Institute of Science and Technology	Member

13.	Dr. T. Rangasamy	Head of the Department – Electrical & Electronics Engineering, Bharath Institute of Science and Technology	Member
14.	Dr. M. Sangeetha	Head of the Department – Electronics Communication Engineering, Bharath Institute of Science and Technology	Member
15.	Dr. P.B. Ramesh Babu	Head of Department Genetic Engineering , Bharath Institute of Science and Technology	Member
16.	Dr.L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
17.	Dr.R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
18.	Dr.V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
19.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
20.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
21.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member
22.	Dr. R. Sangeetha	Head of Department Tourism and Hotel Management, Bharath Institute of Science and Technology	Member

  
Chairman

Copy to

- 1) All the members of the Committee
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- 4) PA to ADR
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### Minutes of the 24<sup>th</sup> Research Advisory Committee meeting held in the Conference Hall of BIHER on 12.07.2019 at 11.00 a.m.

**Chairperson:** Dr. V. Kanagasabai, Vice-Chancellor

**Members Present:** As per list attached.

The Vice Chancellor has welcomed all the Members of the Research Advisory Committee (RAC) to the 24<sup>th</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/24/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 10.01.2019</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 10.01.2019.</p>
02/24/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous Meeting of RAC held on 10.01.2019.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action taken Report on the Minutes of RAC meeting held on 10.01.2019.</p>
03/24/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 10.01.2019.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting held on 10.01.2019.</p>

04/24/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the Research Activities.</p> <p>RESOLUTION:</p> <p>RESOLVED to consider the Report submitted by Dean (R&amp;D) on the Research activities.</p>
05/24/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (Ph.D. Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of examination held.</p>

The Member Secretary thanked all the members of RAC for their participation in the meeting and the Meeting was concluded.



**MEMBER SECRETARY**



**CHAIRMAN**





# Bharath

## INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Ref. No: 25/BIST/RAC/2020

Date: 03/01/2020

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. V. Kanagasabai, Vice Chancellor with the following members.

S.No	Name of the Members	Designation	RAC Position
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2.	Dr. R.M. Suresh	Pro Vice-Chancellor	Secretary
3.	Dr. M. Sundararajan	Dean Research	Member
4.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
5.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
6.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
7.	Dr.V. Kalaiarasi	Dean, Science, Faculty of Arts & Science, BIST	Member
8.	Dr. P. Naveen Chandran	Head of the Department – Auto Moibile, Bharath Institute of Science and Technology	Member
9.	Prof. Mani	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
10.	Dr. Balasubramanian	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
11.	Dr. P. Sengotuvel	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
12.	Dr. K.P. Kaliyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member
13.	Dr. A. Kumaravel	Head of the Department – Information Technology,	Member

		Bharath Institute of Science and Technology	
14.	Dr. T. Rangasamy	Head of the Department – Electrical & Electronics Engineering, Bharath Institute of Science and Technology	Member
15.	Dr. M. Sangeetha	Head of the Department – Electronics Communication Engineering, Bharath Institute of Science and Technology	Member
16.	Dr. P.B. Ramesh Babu	Head of Department Genetic Engineering , Bharath Institute of Science and Technology	Member
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19.	Dr. V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
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21.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
22.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member

  
**Chairman**

Copy to

- 1) All the members of the Committee
- 2) PA to VC
- 3) PA to Pro-VC
- 4) PA to ADR
- 5) HOD/Dean of all Departments
- 6) Administrative Officer
- 7) Notice board



# Bharath

## INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)  
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4<sup>th</sup> July 2002)



173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Phone : 044-22290742 / 22290125 . Telefax : 044-22293886  
Website : www.bharathuniv.ac.in

### Minutes of the 25<sup>th</sup> Meeting of the Research Advisory Committee held in the Conference Hall of BIHER on 21/01/2020 at 11.00 a.m.

**Chairperson:** Dr. V. Kanagasabai, Vice-Chancellor

**Members Present:** As per list attached.

The Vice Chancellor has welcomed all the Members of the Research Advisory Committee (RAC) to the 25<sup>th</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/25/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 12/07/2019</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 12/07/2019.</p>
02/25/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous RAC meeting held on 12/07/2019.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action Taken Report on the Minutes of the previous RAC meeting held on 12/07/2019</p>
03/25/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 12/07/2019</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting (AC) held on 12/07/2019</p>

04/25/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the Research Activities.</p> <p>RESOLUTION:</p> <p>Resolved to consider the Report submitted by Dean (R&amp;D) on the Research activities.</p>
05/25/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (Ph.D., Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of the examinations held.</p>

The Member Secretary thanked all the members of the RAC for their participation in the meeting and the Meeting was concluded.



**MEMBER SECRETARY**



**CHAIRMAN**



# Bharath

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173, Agaram Road, Selaiyur, Tambaram,  
Chennai - 600 073. Tamil Nadu.

Ref. No: 26/BIST/RAC/2020

Date: 09/07/2020

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. V. Kanagasabai, Vice Chancellor with the following members.

S.No	Name of the Members	Designation	RAC Position
1.	Dr. V. Kanagasabai	Vice Chancellor	Chairman
2.	Dr. R. M. Suresh	Pro Vice-Chancellor	Secretary
3.	Dr. M. Sundararajan	Dean Research	Member
4.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
5.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
6.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
7.	Dr.V. Kalaiarasi	Dean, Science, Faculty of Arts & Science, BIST	Member
8.	Dr. P. Naveen Chandran	Head of the Department – Auto Mobile, Bharath Institute of Science and Technology	Member
9.	Dr. A. Mani	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
10.	Dr. Balasubramanian	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
11.	Dr. V. Balambica	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
12.	Dr. K.P. Kaliyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member
13.	Dr. A. Kumaravel	Head of the Department – Information Technology,	Member

		Bharath Institute of Science and Technology	
14.	Dr. S. Prakash	Head of the Department – Electrical & Electronics Engineering, Bharath Institute of Science and Technology	Member
15.	Dr. M. Sangeetha	Head of the Department – Electronics Communication Engineering, Bharath Institute of Science and Technology	Member
16.	Dr. P.B. Ramesh Babu	Head of Department Genetic Engineering , Bharath Institute of Science and Technology	Member
17.	Dr.L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
18.	Dr.R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
19.	Dr.V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
20.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
21.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
22.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member

  
**Chairman**

Copy to

- 1) All the members of the Committee
- 2) PA to VC
- 3) PA to Pro-VC
- 4) PA to ADR
- 5) HOD/Dean of all Departments
- 6) Administrative Officer
- 7) Notice board



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Accredited by  
**NAAC**  
NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL

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Phone : 044-22290742 / 22290125 . Telefax : 044-22293886  
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### Minutes of the 26<sup>th</sup> Meeting of the Research Advisory Committee held in the Conference Hall of BIHER on 23/07/2020 at 11.00 a.m.

**Chairperson:** Dr. V. Kanagasabai, Vice-Chancellor

**Members Present:** As per list attached.

The Vice Chancellor has welcomed all the Mmembers of the Research Advisory Committee (RAC) to the 26<sup>th</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/26/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 21/01/2020.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 21/01/2020.</p>
02/26/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous RAC meeting held on 21/01/2020.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action Taken Report on the Minutes of the previous RAC meeting held on 21/01/2020.</p>
03/26/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 21/01/2020.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting (AC) held on 21/01/2020.</p>

04/26/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the research activities.</p> <p>RESOLUTION:</p> <p>Resolved to consider the Report submitted by Dean (R&amp;D) on the research activities.</p>
05/26/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (PhD Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of the examinations held.</p>

The Member Secretary thanked all the members of the RAC for their participation in the meeting and the Meeting was concluded.

  
MEMBER SECRETARY

  
CHAIRMAN





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173, Agaram Road, Selaiyur, Tambaram,  
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Ref. No: 27/BIST/RAC/2021

Date: 07/01/2021

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73 - Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. Kanagasabai, Vice Chancellor with the following members

S. No	Name of the Members	Designation	RAC Position
1.	Dr. V. Kanagasabai	Vice Chancellor	Chairman
2.	Dr. S. Suresh Kumar	Pro Vice-Chancellor (Grants and Publications)	Secretary
3.	Dr. M. Sundararajan	Pro Vice-Chancellor (Academic)	Member
4.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
5.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
6.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
7.	Dr. V. Kalaiarasi	Dean, Science, Faculty of Arts & Science, BIST	Member
8.	Dr. Senthil Kumar	Head of the Department – Auto Mobile, Bharath Institute of Science and Technology	Member
9.	Dr. P. Dayakar	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
10.	Dr. Balasubramanian	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
11.	Dr. V. Balambica	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
12.	Dr. K.P. Kalaiyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member

13.	Dr. A. Kumaravel	Head of the Department – Information Technology, Bharath Institute of Science and Technology	Member
14.	Dr. S. Prakash	Head of the Department – Electrical & Electronics Engineering, Bharath Institute of Science and Technology	Member
15.	Dr. P.B. Ramesh Babu	Head of the Department, Genetic Engineering, Bharath Institute of Science and Technology	Member
16.	Dr. L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
17.	Dr. R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
18.	Dr. V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
19.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
20.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
21.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member
22.	Dr. R. Sangeetha	Head of Department Tourism and Hotel Management, Bharath Institute of Science and Technology	Member

  
Chairman

Copy to

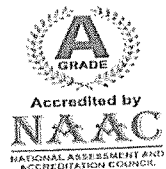
- 1) All the members of the Committee
- 2) PA to VC
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### Minutes of the 27<sup>th</sup> Research Advisory Committee meeting held in the Conference Hall of BIHER on 22.01.2021 at 11.00 a.m.

**Chairperson:** Dr. V. Kanagasabai-, Vice-Chancellor

**Members Present:** As per list attached.

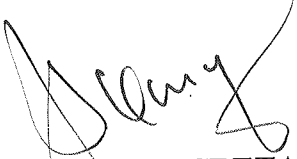
The Vice Chancellor has welcomed all the Members of the Research Advisory Committee (RAC) to the 27<sup>th</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/27/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC Meeting held on 23.07.2020</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 23.07.2020.</p>
02/27/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous Meeting of RAC held on 23.07.2020.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action taken Report on the Minutes of RAC meeting held on 23.07.2020.</p>
03/27/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 23.07.2020.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting held on 23.07.2020.</p>

04/27/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the Research Activities.</p> <p>RESOLUTION:</p> <p>RESOLVED to consider the Report submitted by Dean (R&amp;D) on the Research activities.</p>
05/27/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (Ph.D. Course work) Examinations held.</p> <p>RESOLUTION:</p> <p>Members have reviewed and unanimously approved the results of examination held.</p>

The Member Secretary thanked all the embers of RAC for their participation in the meeting and the Meeting was concluded.

  
**MEMBER SECRETARY**

  
**CHAIRMAN**



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Ref. No: 27/BIST/RAC/2021

Date: 05/07/2021

### OFFICE ORDER

**Sub:** Bharath Institute of Science and Technology, Selaiyur, Chennai-73- Research Advisory Committee members -Order issued-regd.

Research Advisory Committee is constituted to assess the quality improvement and enhanced communication and promotion of research and development. A committee has been reconstituted in the name of “**Research Advisory Committee**” under the chairmanship of Prof. Dr. K. Vijayabaskar Raju, Vice Chancellor with the following members.

S.No	Name of the Members	Designation	RAC Position
1.	Dr. K. Vijayabaskar Raju	Vice Chancellor	Chairman
2.	Dr. S. Suresh Kumar	Pro Vice-Chancellor (Grants and Publications)	Secretary
3.	Dr. M. Sundararajan	Pro Vice-Chancellor (Academic)	Member
4.	Dr. A. Muthukumaravel	Dean (Arts & Science) BIST	Member
5.	Dr. S. Praveen Kumar	Director, School of Management Studies and Commerce, BIST	Member
6.	Dr. S. Ravindhran	Director Architecture, Bharath Institute of Science and Technology	Member
7.	Dr. V. Kalaiarasi	Dean, Science, Faculty of Arts & Science, BIST	Member
8.	Dr. Senthil Kumar	Head of the Department – Auto Mobile, Bharath Institute of Science and Technology	Member
9.	Dr. P. Dayakar	Head of the Department - Civil, Bharath Institute of Science and Technology	Member
10.	Dr. Balasubramanian	Head of the Department - Mechanical, Bharath Institute of Science and Technology	Member
11.	Dr. V. Balambica	Head of the Department - Mechatronics, Bharath Institute of Science and Technology	Member
12.	Dr. K.P. Kaliyamurthie	Head of the Department – Computer Science Engineering, Bharath Institute of Science and Technology	Member

13.	Dr. A. Kumaravel	Head of the Department – Information Technology, Bharath Institute of Science and Technology	Member
14.	Dr. S. Prakash	Head of the Department – Electrical & Electronics Engineering, Bharath Institute of Science and Technology	Member
15.	Dr. Geetha Priya	Dean, School of Bio-Engineering, Bharath Institute of Science and Technology	Member
16.	Dr. L. Jeyanthi Rebecca	Head of Department Industrial Bio Technology, Bharath Institute of Science and Technology	Member
17.	Dr. R. Vasuki	Head of Department Bio Medical, Bharath Institute of Science and Technology	Member
18.	Dr. V. Manimozhi	Head of Department English, Bharath Institute of Science and Technology	Member
19.	Dr. N. Ramya	Head of Department Maths, Bharath Institute of Science and Technology	Member
20.	Dr. R. Velavan	Head of Department Physics, Bharath Institute of Science and Technology	Member
21.	Dr. G. Madhubala	Head of Department Chemistry, Bharath Institute of Science and Technology	Member
22.	Dr. R. Sangeetha	Head of Department Tourism and Hotel Management, Bharath Institute of Science and Technology	Member



**Chairman**

Copy to

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- 3) PA to Pro-VC
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### Minutes of the 28<sup>th</sup> Meeting of the Research Advisory Committee held in the Conference Hall of BIHER on 16/07/2021 at 11.00 a.m.

**Chairperson:** Dr. Vijaya Bhaskar Raju. K, Vice Chancellor (I/c)

**Members Present:** As per list attached.


The Vice Chancellor has welcomed all the Mmembers of the Research Advisory Committee (RAC) to the 28<sup>th</sup> meeting. Then the Vice Chancellor after brief introduction has requested the Registrar to list the agenda items for discussion.

After due deliberations, the following resolutions have been adopted.

Agenda No	Agenda Items
01/28/RAC	<p><u>Agenda Item:</u></p> <p>To approve the Minutes of the previous RAC meeting held on 22/01/2021.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the previous RAC Meeting held on 22/01/2021.</p>
02/28/RAC	<p><u>Agenda Item:</u></p> <p>To consider for approval of Action Taken Report on the Minutes of the previous RAC meeting held on 22/01/2021.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Action Taken Report on the Minutes of the previous RAC meeting held on 22/01/2021.</p>
03/28/RAC	<p><u>Agenda Item:</u></p> <p>To approve and consider Minutes of the Research Council meeting held on 22/01/2021.</p> <p>RESOLUTION:</p> <p>Resolved to approve the Minutes of the Research Council meeting (AC) held on 22/01/2021.</p>

04/28/RAC	<p><u>Agenda Item:</u></p> <p>To consider the report submitted by the Dean (R &amp; D) on the research activities.</p> <p><b>RESOLUTION:</b></p> <p>Resolved to consider the report submitted by Dean (R&amp;D) on the research activities.</p>
05/28/RAC	<p><u>Agenda Item:</u></p> <p>To analyze the results with the previous semester (PhD Course work) Examinations held.</p> <p><b>RESOLUTION:</b></p> <p>Members have reviewed and unanimously approved the results of the examinations held.</p>

The Member Secretary thanked all the members of the RAC for their participation in the meeting and the Meeting was concluded.

  
**MEMBER SECRETARY**

  
**CHAIRMAN**





# Bharath

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173, Agaram Road, Selaiyur, Tambaram,  
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### Minutes of the 30<sup>th</sup> Research Advisory Committee meeting held at 11.00 a.m. in the Conference Hall of BIST, BIHER on 02.03.22

Chairperson: Dr. K. Vijaya Bhaskar Raju, Vice-Chancellor, BIHER

Dignitaries: Dr. M. Sundararajan, Pro Vice-Chancellor, Academics, BIHER

Dr. S. Suresh Kumar, Pro Vice-Chancellor, Grants and Publications, BIHER

Dr. R. Venkatesh Babu, Pro Vice-Chancellor, BIHER

Dr. J. Hameed Hussain, Dean Engineering, BIST, BIHER

Members Present: As per the list attached.

The Chairperson welcomed all the members of the research advisory committee to the meeting. After a brief introduction agenda topics were listed for discussion. Six months progress (from 01/08/2021 to till date) of each School/department were presented through PPT slides by respective members for review and supporting hardcopies were submitted in the meeting.

Members are requested to make presentation of their progress and discuss points as per agenda. The members presented about their progress (from September 2021 – till date) for discussions.

1. Dr. Prem Jeyakumar, Dean R & D presented for the approval of list of examiners committee for Ph.D students of Bharath Institute of Law. He also mentioned the details about existing examiners committees currently followed in other Law colleges in Chennai and India. The proposal made by the School of Law as raised by Dr. Prem Jeyakumar on external examiners was resolved, concluding that the requirement of three Indian examiners for evaluation of the Ph.D. thesis is mandatory, excluding the necessity of a foreign examiner for evaluation. The Chairperson included that, a list of six examiners from India (except from Tamil Nadu), has to be submitted for selection of three examiners by the Vice-Chancellor (VC). An university nominee will be appointed by VC in case of

absence of any examiner for final Viva -Voce. The above agenda was resolved unanimously by all members, which is only applicable to the school of law.

2. Research and Development: Details regarding Ph.D. admission and selection were presented. A total of 117 candidates were admitted out of 197 applications for July 2021. Forty two new faculties were offered guide ship. A total of 220 research publications and 10 books were published.

Resolution: PhD registrations must be on the same discipline as the PG degree of the scholar. Cross major is applicable in case of life sciences and the degree will be awarded considering the PG degree of the scholar.

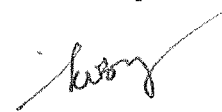
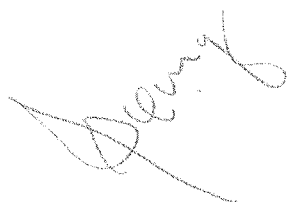
3. School of Aeronautical Engineering : A total of 67 publications were processed, and 13 were published. Eleven projects were accepted for evaluation. Two patents were filed. Four national and international MOUs were signed. Research collaborations with premier institutions like Anna University, IIT, NIT are initiated to receive grants. Fund for two instruments including a UTM was requested, to establish a centre for excellence for research in space application materials.

4. School of Computing : Among 197 papers submitted, five were published with one book publication. Nine research proposals were submitted to national agencies and 21 TNSCST proposals were submitted by the students. Six patents were applied and three were published. Eight research advisers guide 40 scholars currently and the aim of the school is to generate funding in the upcoming years.

5. School of Electrical Engineering : The school has published 10 papers and has applied for two projects. 12 TNSCST proposals were submitted. One patent was filed and one MOU was signed. The school currently runs four centre for excellence with a future motive of development of electric vehicle research and renewable energy.

6. School of Bioengineering : The department of Biotechnology had published 16 publications in last six months and seven TNSCST proposals were submitted. Four patents were filed and one MOU was signed. One visiting professor was enrolled. The school incubates two centre of excellence with a future motive to develop crop improvement research. The department of Biomedical Engineering has achieved 84 publications including one book publication. Four research projects were submitted to national and international agencies. One patent was filed and one MOU has been signed.

7. School of Mechanical Engineering : Five book chapters were published and five projects have been applied for national and international grants. Eight TNSCST proposals were submitted and 14 patents



were filed. Two visiting professors were enrolled and five MOUs were signed. The school harbors five centre of excellence for research and development.

8. Faculty of Pharmacy : The faculty of pharmacy presented their one year progress (2021-2022). Five research articles were published. Two proposals were submitted for national funding agencies. One patent and two MOUs were signed. A drug information centre and a medical plant garden were established.

9. School of Tourism and Hospitality : Six month progress on publications, patents, and grants were presented and reviewed.

10. School of Arts: Departments of Tamil, English and Economics published 13 papers and submitted two proposals. A centre of excellence for English was established. Two visiting faculties were enrolled.

Resolution: Pro VC, Academics suggested filing of copyright and was accepted unanimously.

11 : School of Basic Sciences : The departments of basic sciences have processed 101 publications and have applied for 12 proposals and three patents. The Head requested for updation of lab especially for the departments of chemistry and physics.

PVC G-P, mentioned that all project proposals for funding agencies must be forwarded to his office before applying.

PVC Academics and Pro VC Grants and Publications mentioned about initiating a central research facility for under graduate and post graduate research facilities with digital library facilities. Requirements of equipment's and any other infrastructure requirements for functioning of the central facility will be suggested and quoted by the respective schools.

Dean Engineering conveyed his concern on patent filing that patents have to be filed including the institution name, "Bharath Institute of Higher Education and Research" in addition to the school of patent application.

The Chairperson suggested to improve number of publication in School of Bioengineering.

**The Chairperson thanked all the members for their participation in the meeting and the meeting was concluded.**

  
(SECRETARY)

**Prof. Dr. S. SURESH KUMAR, Ph.D.,**  
PRO VICE CHANCELLOR (Grants & Publications)  
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH  
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)  
Selaiyur, Chennai-600 073. INDIA.

  
(CHAIRPERSON)

**Vice-Chancellor**  
**BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH**  
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)  
Chennai-600 073. INDIA.



# Bharath

## INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)  
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4<sup>th</sup> July 2002)



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### Minutes of the 32<sup>nd</sup> Research Advisory Committee meeting held in the Sri Lakshmi Narayana Institute of Medical Sciences on 03/03/2023 at 10.30 a.m.

**Chairperson:** Dr. K. Vijaya Bhaskar Raju, Vice-Chancellor, Bharath Institute of Higher Education and Research (BIHER).

**Members Present:** As per list attached

Dr.G.Jayalakshmi, Dean, SLIMS, Pondicherry welcomed all the members and inaugurated the sessions. Pro vice-chancellor (research), Dr. S. Suresh Kumar welcomed the members and explained the agenda of the meeting. He highlighted the importance of current research activities at BIHER and requested all the members to present about recent one-year research activities of their institution.

Dr. Suresh Kumar (PVC- research) introduced Dr.P.B.Ramesh Babu, Professor of CMERM, BIHER and asked to conduct the presentation session as per agenda.

Agenda No	Agenda Items
01/32/RAC	<p><u>Agenda Item:</u> To discuss and approve the Minutes of the 31<sup>th</sup> RAC Meeting held on 07/09/2022.</p> <p><u>RESOLUTION:</u> The committee resolved to approve the minutes of the 31<sup>st</sup> RAC meeting.</p>
02/32/RAC	<p><u>Agenda Item:</u> To discuss and approve the action taken report of the 31<sup>st</sup> RAC meeting.</p> <p><u>RESOLUTION:</u> The committee resolved to approve the action taken report of the 30<sup>th</sup> RAC meeting.</p>
03/32/RAC	<p><u>Agenda Item:</u> The Chairman of the RAC and Vice-Chancellor of BIHER Dr.Vijaya Bhaskar Raju greeted all the Members. He motivated the members to publish more</p>

research papers in high impact factor journals and in this regard members were asked to take help of Dr.S.Suresh Kumar. He insisted to concentrate on research activities to create a productive environment that could increase valuable publications and contributions in various disciplines. He further insisted in achieving a total number of 1800 papers indexed in UGC care list, Scopus and Web of Science. He recommended each school to generate 100 valuable papers, based on their research, to achieve a target of 1800 papers, every six months. He initiated a three-month review of progress, to encourage and strengthen publications. He informed about the importance of research progress at BIHER which is required for Institutional accreditation's and NAAC rankings. Members were encouraged to consult Dr.S.Suresh Kumar (PVC- research) while applying for research funding from government agencies and conduct more number of workshops and seminars through collaborations from sponsors. He requested the members to inform the details of all the research activities and events to IQAC department of BIHER, which will help in university ranking. Further, the vice chancellor sir also insisted on getting more funds and projects, especially faculties from engineering and research, and encourage faculties to conduct more workshops and conferences to get an exposure with the current research scenario.

RESOLUTION:

The committee agreed with the suggestions of the Vice-Chancellor and initiatives for improvement of research in all research fields will be followed.

04/32/RAC

Agenda Item:

The Pro-Vice-Chancellor, Research, Dr. Suresh Kumar S, addressed the committee and informed about publication targets and leads that must be achieved in the near future.

RESOLUTION:

The committee agreed to fulfill the research targets set by the management.

05/32/RAC

Agenda Item:

To discuss and approve the research status of each institution/school of BIHER.

The committee members representing various institution/school of BIHER presented their six months progress (June 2022 – February 2023). The future



research initiatives were shared and discussed.

Following are their presentations and resolutions.

1. Sree Bharath Medical College and Hospital, Chromepet. A total number of 371 publications (scopus, web of science, pubmed & other indexed) were done between June 2022 and February 2023. 11 patents were filed in this six months. 27 research scholars are currently pursuing Ph.D. The college has received research funding of Rs 21 lakhs and Rs 33.5 lakhs from Government of Tamilnadu and ICMR Adhoc funding respectively. Tamilnadu state council for S&T granted Rs. 3.6 lakhs in genetic research. The college aims to encourage PG & UG students to develop innovative ideas for patents. MOUs signed between SBMCH and NIOT Hospital services and NI ocean technologies. More than three center of excellences are pursuing research in the area of Cleft & craniofacial research, genomics and cancer.
2. Sree Balaji Dental College and Hospital, Pallikarnai, Chennai. Total no. of research articles for publication were 52 and 54 books and book chapters were published. 14 MoUs were signed and 19 collaborative activities were initiated. 21 grants were funded from the government and non government organisations. Innovative patents filed were 48 during the academic year under the guidance of Pro Vice Chancellor (Research).
3. School of Aeronautical Engineering : Both web of science and scopus papers are 64 papers, 4 book chapters were published. Four Ph.D candidates have registered this academic year. Four research proposal have been submitted. In next six months more than six collaborative research will be established in IITs, NITs and other premier research institutes.
4. School of Law : One book was published, six MoUs were signed, and 10 visiting professors were enrolled. 14 research scholars have been enrolled this year. One research project has been submitted to Indian Institute of Social sciences, New Delhi. Constitution day was celebrated in November 2022. Interacting with Indian institute of social sciences, New Delhi and Odisha Law University. The department is focused in conducting atleast two conferences /year and has proposed to conduct national moot court and organize socio legal team every year. Future plans include starting B.Sc LLB, B.Tech LLB and 2



yrs LLM courses.

5. School of Bioengineering published 21 web of science and 4 scopus indexed papers. Conducted national conferences and Guest lectures.
6. School of computing: Two MOUs signed. 41 students developed innovative products. Total of two proposals, one research proposal from DST and another from AICTE were obtained. Further, as per Pro Vice-Chancellor (Research)'s guidance. 41 student product patents are submitted. Students in school of computers are regularly given DLP=dZ
7. School of Mechanical Engineering: 7 MOU's have been signed this year and a DST project of five crore has been sanctioned. Rs. 30 lakhs was spent for 3D printer which will be useful in manufacturing resin based medical and dental devises. Five research papers and two books were published. Project Proposals under Advanced Manufacturing Technologies (AMT) Program, Advanced Manufacturing Technologies (AMT) Program were submitted and TNSCST (8 project) were submitted. Trainings were given in the area of IOT and Automation to BIHER faculties and students. Students from other department are utilizing these services.
8. Bhaarath Medical college and Hospital : 85 clinical research projects are in progress and focusing to obtain ICMR funding for the same. MoU signed with Sathyabamma University. Annual research day celebrated.
9. School of Agriculture: Solar machines for Agriculture is under implementation. Center of excellence for crop improvement is currently carrying out research in the development of agriculture. Eight research articles and two books were published. Four research projects were submitted in TNSCTC. Six visiting professors were enrolled and two research projects were submitted as a result of MoU with the Sri Lankan Government. Planning to start a butterfly garden.
10. School of electrical sciences: One patent granted. One proposal submitted to SERB , DST. India.
11. Sri Lakshmi Narayana Institute of Medical Sciences. Getting new accreditations' in allied sciences, B.Sc nursing and physiotherapy. 3 patents submitted. 6 MoUs signed and 17 academic events organized. Planning to get level to NABL accreditation. Dean requested concession for Ph.D. scholars.



Requested to conduct Doctoral committee meeting of Ph.D in SIMS campus.  
Requested more research funds from BIHER for research activities.

12. Research and Development : Total number of candidates applied for Ph.D were 239, out of which 233 were part-time and 6 full-time. To waiving-off Ph.D. full-time from the upcoming year to encourage enrolment of PhD students. The HoD specifically mentioned that the number of students enrolling for Ph.D (full time) should be encouraged with stipends so that more students can enroll in research programs. Also, to enroll students in two years full-time M.S. by research program in all the disciplines.
13. School of Basic Sciences : The school has published 16 research papers and one patent. Four CoEs were established namely, Centre for fuzzy mathematics and its applications (CFMA), Centre for multifunctional Material Research, Centre for excellence in nanochemistry research, and Centre for Microbiology and Biotechnology Research. The students were asked to initiate a students' research club and publish a minimum of two papers per month. The aim of the CoE is to create awareness and to implement Preventive, Treatment and Rehabilitation program (PTR) for patients affected with cognition related disorders.
14. School of Commerce and Management : Sixty four research papers and five patents were published. Two visiting professors were through MoUs. National MoUs were established with Youth United Council of India, SMI Global Learning Pvt Ltd, Bangalore, and Clicks Talent Connect Pvt Ltd, Bangalore. Four projects were submitted for research funding.
15. Department of Tourism and Hospitality Management : 6 scopus publicaitons and 3 book with ISBN number published. Two patents filed and three patents accepted.

06/32/RAC

Center for Material Engineering and Regenerative Medicine : Dr.S.Suresh Kumar made detailed presentation about CMERM research facilities, funds received, research activities, regulation of Ph.D. programs and other BIHER research activities. The research facility is currently focusing on stem cell research, regenerative medicine, nano medicine etc., Out of 350 papers, a total of 242 papers published and they are indexed both in web of science and scopus. He mentioned about development of several innovative products. Five patents were granted.





Worlds top 2% scientists are listed from CMERM staffs in Stanford University ranking. 13 funded research projects got sanctioned out of 73 applications. A total of 4.27 crores of funds received so far from external government agencies and abroad. 13 MoUs signed. Proposed to fee waiving-off PhD full-time from the upcoming year to encourage enrolment of new PhD students. To enroll students in two years full time M.S by research program in all the disciplines. Dr. S.Suresh Kumar explained new regulations for Ph.D programs. The details of new guidelines/regulations for Ph.D are available in R & D office. He also mentioned about eligibility criterias for M.S by research and undergraduate students direct enrolment to Ph.D. programs.

**RESOLUTION:**

The committee agreed on the suggestion.

07/32/RAC

Agenda Item: any other items from members :

Dr.S.Suresh Kumar mentioned that each team in various BIHER institutions should focus on getting a minimum of Rs.50 lakh research grant from funding agencies.

Dr.S.Suresh Kumar insisted that each faculty member should publish 10 books per year with ISBN number.

Dr.Vijayakumar, SLIMS, Pondy requested to reduce the fees from Rs.50,000/- to Rs.25,000/- for all the staff working in BIHER.

Dr.G.Jayalakshmi, Dean, SLIMS, Pondy requested the RAC to support more fundings for research schemes.

Dr.G.Jayalakshmi, Dean, SLIMS, Pondy requested the RAC to give permission to conduct Ph.D. students' doctoral committee meeting at their own institute and not in BIST campus.

Dr.Rajalakshmi, Nursing department asked permission to conduct online meeting for Ph.D.students Doctoral committee meeting.

Several members from medical colleges explained their problems with their appointments for Allied sciences regarding degree certificates issued compared to degree certificate issued through government agencies.

Members represented to discuss and approve all the eligible department faculties to enroll students for doctoral and post-doctoral research studies.

Members represented to award Doctor of Science degree for eligible candidates.

To encourage PhD students to write for grants from different national and



international agencies.

To encourage eligible academic staffs of BIHER to register for doctoral research in the respective departments.

To increase grant applications to facilitate funds for research in all disciplines.

RESOLUTION:

Vice-Chancellor in consent with the RAC members, approved to reduce the PhD Fees for faculty of BIHER from Rs.50,000/- to Rs.25,000/- per annum.

Regarding internal funding for research, Vice chancellor sir asked the members to submit proposal through proper channel.

Regarding conducting Ph.D. students' doctoral committee meeting at their own institute, VC chancellor suggested to conduct in BIST campus and TA & DA will be provided to DC meeting members. VC indicated that only offline meeting at BIHER campus is permitted to conduct DC meeting for Ph.D.scholar.

The Vice Chancellor in consent with the RAC members has approved all the part time PhD candidates to obtain their degree certificates as regular candidates from 16.2.2023.

The vice Chancellor insisted to award doctoral science degree to only those candidates who completed a minimum of 10 years of postdoctoral research experience in abroad.

The Vice-Chancellor insisted in increasing the number of publications by improving multidisciplinary research to enhance and foster current research in different disciplines.

The committee agreed on improvising interdisciplinary research to increase fund opportunities for research.

The Dr.S.Suresh kumar and Dean, SLIMS Pondicherry thanked all the members of RAC for their participation in the meeting and the meeting was concluded.



MEMBER SECRETARY



CHAIRPERSON