

Metric No. 3.3.1.

Teachers recognized as research guides

Sl.No	Faculty Name	Department
1.	Dr.J.Jaya	ECE
2.	Dr.N.Rajkumar	ECE
3.	Dr.N.Kathiravan	MECH
4.	Dr.S.Nagaraja	MECH
5.	Dr.V.Boopathi Sabareesh	MECH
6.	Dr.N.Mathan Kumar	MECH
7.	Dr.R.Sivakumar	MECHT
8.	Dr.R.Ravindran	MECHT

Ph.Ds registered per eligible teacher within last five years : 4

Number of teachers recognized as guides during the last five years : 8

Percentage of Ph.Ds registered per eligible teacher during the last five years: 50%



CRITERIA NO :3

RESEARCH, INNOVATIONS AND EXTENSION

METRIC NO. 3.3.1

NUMBER OF Ph.Ds REGISTERED PER ELIGIBLE TEACHER

Exhibit No:	Document Name	Page No.
3.3.1 - A	Number of Ph.Ds registered per eligible teacher - Institutional Data	1
3.3.1 - B	Provisional Registration copy of the Scholar	2




INSTITUTIONAL DATA

Metric No. 3.3.1.

Number of Ph.Ds registered per eligible teacher

Sl.No	Name of the Ph.D scholar	Name of the Department	Name of the guide/s	Year of registration of the scholar	Year of award of Ph.D.
1.	Mr. A. Sasi	ECE	Dr. J. Jaya (Supervisor)	2018	-
2.	Mr. A. Abdul Hayum	ECE	Dr. J. Jaya (Supervisor)	2019	-
3.	Mr. T. Boobalan	ECE	Dr. J. Jaya (Supervisor)	2020	-
4.	Mr. C. S. Sundar Ganesh	EEE	Dr. N. Rajkumar (Joint Supervisor)	2014	-
5.	Mr. C. S. Sundar Ganesh	EEE	Dr. R. Sivakumar (Supervisor)	2014	-


Dr. J. JAYA, M.Tech., Ph.D.
PRINCIPAL
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109



Dr. R. JAYAVEL
DIRECTOR

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Date : 29.06.2018

Lr.No.CR/Ph.D./Admn/JUL/2018

To
Dr. J. Jaya
Professor
Department of Electronics & Communication Engineering
Akshaya College of Engineering and Technology
Kinathukadavu Coimbatore-642109, -

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 31.06 of the 31st Research Board Meeting held on 25.05.2018

I am to inform that Mr./Ms. Sasi A is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Information and Communication Engineering of Anna University during JULY 2018 session under your guidance.

Topic of Research: **EMPLOYING MATHEMATICAL OPTIMIZATION USING HYBRID DEEP LEARNING IN SMART BEAMFORMING FOR 5G NETWORK WITH IEEE802.11AC**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **18144697147**.

In all future correspondence quote " **18144697147/Ph.D./AR15** " - for reference. The research scholar will be governed by the " Regulations for Ph.D. Programme " of this University and any amendments are made to the Regulations from time to time.

T. Jayavel
DIRECTOR

- To
1. Individual.
 2. The Head of the Department / Director of the Centre.

TRUE COPY ATTESTED

(Signature)
22/6/18
Dr. J. JAYA, M.Tech Ph.D
PRINCIPAL
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109



Dr. R. JAYAVEL
DIRECTOR

CENTRE FOR RESEARCH
ANNA UNIVERSITY
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EXHIBIT No. 3.1.1. - B

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Fax: +91 44 2225 1213
Email: cfrc@annauniv.edu
cfrc@annauniv.edu / cfrc@annauniv.edu



Procs. No.18144E97147/Ph.D./AR15

Date: 20.06.2018

Sub: Ph.D. Programme – Mr./Ms. Sasi A, Research Scholar – Constitution of Doctoral Committee –
Orders – Issued.

Ref: This office Lr.No.CR / Ph.D. / Admn /JUL/2018/ dated. 21.06.2018.

Mr./Ms. **Sasi A** has been granted provisional registration for Ph.D. Programme under the guidance of Dr. J. Jaya vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- | | |
|--|-------------------------|
| 1. Dr. J. Jaya, Professor
Department of Electronics & Communication Engineering
Akshaya College of Engineering and Technology
Kinathukadavu Coimbatore-642109, - | Supervisor/
Convener |
| 2. Dr. B. Paulchamy, Professor
Department of Electronics and Communication Engineering
Hindusthan Institute of Technology Coimbatore-641032 | Member |
| 3. Dr. S. Palanivel, Associate Professor
Department of Computer Science Engineering
Annamalai University Chidhamparam-608401 | Member |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulation. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre.**

The research scholar shall have a CGPA of 6.50 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. regulations. Sitting Fee, TA / Conveyance shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 **"The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to each others"**.

[Signature]
DIRECTOR

TRUE COPY ATTESTED

To
The Supervisor
Copy to All Members

[Signature]
20/06/2018
Dr. J. JAYA, M.Tech Ph.D
PRINCIPAL
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109

[Signature]
20/06/18



CENTRE FOR RESEARCH
ANNA UNIVERSITY
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EXHIBIT No. 3.1.1. - B

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DIRECTOR

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dirresearch@gmail.com



Date : 06.07.2019

Lr.No.CFR/Ph.D./Admn/JUL/2019

To
Dr. J. Jaya
Professor
Department of Electronics and Communication Engineering
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 33.06 of the 33rd Research Board Meeting held on 07.06.2019

I am to inform that **Mr./Ms. Abdul Hayum A** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during JUL 2019 session under your guidance.

Topic of Research: **REAL TIME HUMAN VITAL DIAGNOSIS SYSTEM WITH IMAGE PROCESSING USING MATLAB**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **19184697279**.

In all future correspondence quote "**19184697279/Ph.D./AR15**" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

L. Jaya
DIRECTOR

7/6/19

TRUE COPY ATTESTED

Dr. J. JAYA, M.Tech Ph.D
PRINCIPAL

Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109



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EXHIBIT No. 3.1.1. - B



Procs. No.19184697279/Ph.D./AR15

Date : 06.07.2019

Sub : Ph.D. Programme – Mr./Ms. Abdul Hayum A, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2019/ dated: 06.07.2019.

Mr./Ms. **Abdul Hayum A** has been granted provisional registration for Ph.D. Programme under the guidance of Dr. J. Jaya vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- | | |
|---|-------------------------|
| 1. Dr. J. Jaya, Professor
Department of Electronics and Communication Engineering
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109 | Supervisor/
Convener |
| 2. Dr. B. Paulchamy, Professor
Department of Electronics and Communication Engineering
Hindusthan Institute of Technology
Pollachi Main Road, Coimbatore – 641 032 | Member |
| 3. Dr. R. Sivakumar, Professor
School of Electronics Engineering
Vellore Institute of Technology
Gorbachev Road, Vellore - 632 014 | Member |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

L. Jaya
DIRECTOR

6/6/19

Dr. J. Jaya
6/7/19

TRUE COPY ATTESTED

Dr. J. Jaya
4/08/20

Dr. J. JAYA, M.Tech Ph.D
PRINCIPAL
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109

To
The Supervisor
Copy to : All Members



Dr. K.P. JAYA
DIRECTOR

CENTRE FOR RESEARCH
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Date : 19.12.2019

Procs. No.20143691166/Ph.D./AR11

Sub : Ph.D. Programme - Mr.Boobalan T, Research Scholar - Constitution of Doctoral Committee -
Orders - Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2020/ dated: 19.12.2019.

Mr.Boobalan T has been granted provisional registration for Ph.D. Programme under the guidance of Dr.J.Jaya vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- | | |
|--|-------------------------|
| 1. Dr.J.Jaya, Professor
Department of Electronics and Communication Engineering
Akshaya College of Engineering and Technology
Coimbatore - 642 109 | Supervisor/
Convener |
| 2. Dr.V.Bhanumathi, Assistant Professor
Department of Electronics and Communication Engineering
Anna University Regional Campus
Coimbatore - 641 046 | Member |
| 3. Dr.K.V.Shriram, Assistant Professor
Department of Computer Science and Engineering
Amrita University
Coimbatore - 641 112 | Member |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

Dr. J. JAYA, M.Tech Ph.D.
PRINCIPAL

Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 009

R. V. Deepriya
DIRECTOR 19/12/19



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EXHIBIT No. 3.1.1. - B



Lr.No.1414469139/Ph.D./AR12

Date: 25.03.2019

Sub : Ph.D. Programme – Mr.C.S.Sundar Ganesh Research Scholar – Change of Supervisor - Orders - Issued.

Ref : 1.This Office Proceedings of even number Dtd: 14.12.2013.

2.Letter Dtd: 06.03.2019 - from The Research Scholar Mr.C.S.Sundar Ganesh

Under the circumstances stated in the reference 2nd cited, Dr.R.Sivakumar, Professor, Department of Mechanical Engineering, SVS College of Engineering,, Coimbatore - 642109 has been nominated as Supervisor in the place of Dr. S.Sumathi, in respect of the Research Scholar Mr.C.S.Sundar Ganesh.

Clause 8.7 of Ph.D. Regulation reads

"If change of Supervisor is approved, the scholar has to work for a minimum of one year with the new Supervisor and **Synopsis shall be accepted only when the scholar has published atleast one journal publication (as applicable) with new Supervisor.**"

for D. N. Nalwa
25/3/19
DIRECTOR

To
Dr.R.Sivakumar
Professor
Department of Mechanical Engineering
SVS College of Engineering,
Coimbatore - 642109

for D. N. Nalwa
25/3/19

Copy to :

- 1.The Head / Director, Department of Mechanical Engineering, SVS College of Engineering,, Coimbatore - 642109
- 2.Dr. S.Sumathi, Associate Professor, Dept. of Electrical & Electronics Engineering, SVS College of Technology Coimbatore-641 004 (for information)
- 3.Mr.C.S Sundar Ganesh, Research scholar through the Supervisor Dr.R Sivakumar.

TRUE COPY ATTESTED

for J. Jaya
4/08/20
Dr. J. JAYA, M.Tech Ph.D
PRINCIPAL

Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109



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dirresearch@gmail.com

EXHIBIT No. 3.1.1. - B



Lr. No. 141.4469139/Ph.D./AR12

Date : 03.04.2019

Sup : Ph.D. Programme – Mr.C.S.Sundar Ganesh, research scholar – Nomination of Joint Supervisor - Orders – Issued.

Ref : 1. This Office Proceedings of even number Dtd: 14.12.2013

2. Letter Dtd: 06.03.2019 - from the research scholar C.S.Sundar Ganesh duly forwarded by supervisor & HoD Department of Mechanical Engineering SVS College of Engineering, Coimbatore 642109.

In partial modification of the orders issued in this office proceedings 1st cited and circumstances explained in the reference 2nd cited Dr.N.Rajkumar, Associate Professor Department of Computer Science & Engineering SVS College of Engineering, Coimbatore 642109 has been nominated as Joint supervisor in respect of Mr/Ms.C.S.Sundar Ganesh research scholar.

Accordingly the Doctoral Committee has been reconstituted as follows:

- | | |
|---|---------------------------|
| 1. Dr.R.Sivakumar , Professor
Department of Mechanical Engineering
SVS College of Engineering,
Coimbatore 642109 | - Supervisor/
Convener |
| 2. Dr.N.Rajkumar , Associate Professor
Department of Computer Science & Engineering
SVS College of Engineering,
Coimbatore 642109 | - Joint Supervisor |
| 3. Dr.Esakkirajan S , Associate Professor
Department of Instrumentation And Control Engineering
PSG College of Technology, Peelamedu, Coimbatore-641004. | - Member |
| 4. Dr.Rajeswari A , Professor
Department of Electronics and Communication Engineering
Coimbatore Institute Of Technology, Coimbatore-641004 | - Member |

The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the centre well in advance. The minutes of the meetings shall be forwarded by the respective Head of the Department/Director of the centre.

The Committee shall function as per rules of Ph.D. regulations. Supervisors are eligible for sitting fee & Members are eligible for Sitting Fee and TA / Conveyance as per Anna University TA rules.

The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically.

TRUE COPY ATTESTED

To
The Supervisor
Copy to : All Members

Dr. J. JAYA, M.Tech Ph.D
PRINCIPAL
Akshaya College of Engineering and Technology
Kinathukadavu, Coimbatore - 642 109

[Signature]
DIRECTOR
14/4/19
[Signature]
3/4/19
[Signature]
8/4/19