



# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

Email : [principal@nandhaengg.org](mailto:principal@nandhaengg.org) Mobile : 73737 12234

## Criterion 3 – Research, Innovations and Extension

3.4	Research Publications and Awards
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**3.4.2 Details of PhD students registered per teacher (as per the data given w.r.t recognized PhD guides/ supervisors provided at 3.2.3 metric) during the year**

**E-Copies of  
Guide Allotment Letters**



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## List of PhD students registered per teacher during Academic Year (2022-23)

S.No.	Supervisor Name	Name of the scholar	Month and Year of registration of the scholar
1.	Dr. A Murugesan	-	-
2.	Dr. E. K. Mohanraj	-	-
3.	Dr. S Arumugam	-	-
4.	Dr. J Senthil	-	-
5.	Dr. R Sivaraj	-	-
6.	Dr P Sukumar	G Deebanchakkarawartha	July, 2022
7.	Dr. P. Thirumoorthy	-	-
8.	Dr D Arulanantham	-	-
9.	Dr S Kavitha	V.Parameshwari	July, 2022
10.		A.Amarnath Prabhakaran	July, 2022
11.		B.Sowparnika	July, 2022
12.	Dr C N Marimuthu	-	-
13.	Dr. N. Rengarajan	-	-
14.	Dr.P. Jamuna	-	-
15.	Dr T.Jayakumar	-	-
16.	Dr. G Ramani	-	-
17.	Dr. V. Manimegalai	-	-
18.	Dr. B. Ashok kumar	-	-
19.	Dr. M. Easwaramoorthi	-	-
20.	Dr.S. Magibalan	-	-
21.	Dr. M. Manikandan	-	-
22.	Dr. M. Muthukumar	-	-
23.	Dr T Jayanalina	-	-
24.	Dr. K.S. Mohan	-	-



  
PRINCIPAL,  
NANDHA ENGINEERING COLLEGE  
(AUTONOMOUS)  
ERODE - 638 052.



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 11-07-2022

Lr.No.CFR/Ph.D./Admn/JUL/2022

To  
Dr.P.Sukumar  
Associate Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

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

Ref : Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.06.2022

I am to inform that **Mr.Deebanchakkarawartha G** 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 JULY 2022 session under your guidance.

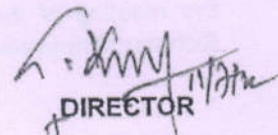
Topic of Research: **HYBRID META HEURISTIC ALGORITHM FOR AUTISM SPECTRUM DISORDER CLASSIFICATION**

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.

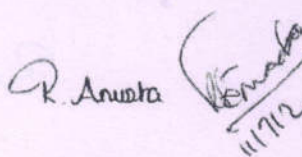
The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **22134697231**.

In all future correspondence quote "22134697231/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.

  
DIRECTOR

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

  
R. Anurag  
11/7/22

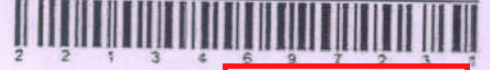


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**Dr. C.UMARANI**  
**DIRECTOR**

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Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.22134697231/Ph.D./AR15

Date : 11.07.2022

Sub : Ph.D. Programme – Mr.Deebanchakkarawartha G, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 11.07.2022.

\*\*\*\*

**Mr.Deebanchakkarawartha G** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.P.Sukumar 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.P.Sukumar, Associate Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
2. **Dr.S Lokesh, Associate Professor** Member  
Department of Computer Science and Engineering  
Hindusthan Institute of Technology Coimbatore - 641 032
3. **Dr.R Venkatesan, Assistant Professor** Member  
Department of Information Technology  
Sastra Deemed University Tanjavur - 613 401

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".

  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

R. Anusha

  
11/7/22



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
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Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 27.06.2022

Lr.No.CFR/Ph.D./Admn/JUL/2022

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

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

Ref : Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.06.2022

\*\*\*\*

I am to inform that **Ms.Parameshwari V** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Electrical Engineering of Anna University, Chennai during JULY 2022 session under your guidance.

Topic of Research: **IOT ENABLED DIABETIC PATIENT DIAGNOSIS SYSTEM FOR HEALTH CARE APPLICATIONS**

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 **22243697106.**

In all future correspondence quote "22243697106/Ph.D./AR11" 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. D. S.*  
DIRECTOR  
27/6/22

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

*L. D. S.*  
27/6/22



CENTRE FOR RESEARCH  
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CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

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Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.22243697106/Ph.D./AR11

Date : 27.06.2022

Sub : Ph.D. Programme – Ms.Parameshwari V, Research Scholar – Constitution of Doctoral Committee  
– Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 27.06.2022.

\*\*\*\*

**Ms.Parameshwari V** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha 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.

- Dr.S.Kavitha, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
- Dr.S Maheswaran, Associate Professor** Member  
Department of Electrical and Communication Engineering  
Kongu Engineering College  
Perundurai, Erode - 638 052
- Dr.S Natarajan, Professor** Member  
Department of Electrical and Communication Engineering  
Vel Tech University Chennai-600062

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. Kumari  
DIRECTOR  
27/6/22

To  
The Supervisor  
Copy to : All Members

L. P.  
27/6/22



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

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Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JUL/2022

Date : 11/07/2022

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638052

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

Ref : Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.06.2022

I am to inform that **Mr.Amarnath Prabhakaran 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 **JULY 2022** session under your guidance.

Topic of Research: **EFFECTIVE DETECTION OF SPECTRUM OCCUPANCIES AND EFFICIENT SPECTRUM ALLOCATION IN COGNITIVE RADIO NETWORKS USING ARTIFICIAL INTELLIGENCE.**

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 **22144697223.**

In all future correspondence quote "**22144697223/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.

*Dr. C. Umarani*  
11/7/2022  
DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.
- [Handwritten signatures and dates: 11/7/22, 09/07/22]*



CENTRE FOR RESEARCH  
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CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

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Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 11/07/2022

Procs. No.22144697223/Ph.D./AR15

Sub : Ph.D. Programme – Mr.Amarnath Prabhakaran A, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 09.07.2022.

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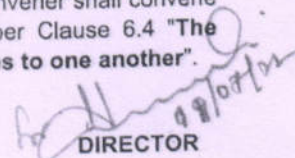
**Mr.Amarnath Prabhakaran A** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- Dr.S.Kavitha, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638052
- Dr.Sampoornam K P, Professor** Member  
Department of Electronics and Communication Engineering  
Bannari Amman Institute of Technology  
Sathyamangalam-638402
- Dr.Nandakumar S, Associate Professor** Member  
Department of Electronics and Communication Engineering  
Vellore Institute of Technology  
Vellore-632014

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.**

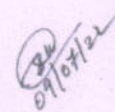
The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

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".

  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

  
11/7/22

  
09/07/22



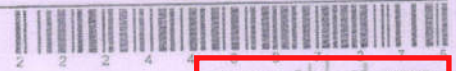


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Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 06/07.2022

Lr.No.CFR/Ph.D./Admn/JUL/2022

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

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

Ref : Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.06.2022

\*\*\*\*

I am to inform that **Ms.Sowparnika B** 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 JULY 2022 session under your guidance.

Topic of Research: **DEEP NEURAL NETWORK BASED COVID19 DETECTION AND ITS IMPACT ANALYSIS USING CT IMAGES**

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 **22244697275**.

In all future correspondence quote "22244697275/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.

*[Signature]*  
06/07/2022  
DIRECTOR

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

*[Signature]*  
06/08/22  
*[Signature]*  
06/08/22

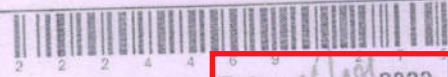


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DIRECTOR

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Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 06/08/2022

Procs. No.22244697275/Ph.D./AR15

Sub : Ph.D. Programme – Ms.Sowparnika B, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 06.08.2022.

\*\*\*\*

Ms.Sowparnika B has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha 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.S.Kavitha, Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052  
Supervisor/  
Convener
2. Dr.K.S.Tamilselvan, Professor  
Department of Electronics and Communication Engineering  
KPR Institute of Engineering and Technology  
Arasur - 641 407  
Member
3. Dr.K.C.Sriharipriya, Associate Professor  
Department of Electronics and Communication Engineering  
Vellore Institute of Technology  
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".

*[Handwritten Signature]*  
06/08/2022  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

*[Handwritten Signature]*  
06/08/22  
*[Handwritten Signature]*