



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 17.09.2021

To
Dr.S.Masilla Moses Kennedy
Associate Professor
Department of Physics
Sri Sivasubramania Nadar College of Engineering
Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Ms.Kavia A J** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: SYNTHESIS AND CHARACTERIZATION OF ACTIVATED PHOSPHATE PHOSPHORS FOR WLED APPLICATION

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 **21247997146**.

In all future correspondence quote "**21247997146/Ph.D./AR14**" 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.



CENTRE FOR RESEARCH
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Dr. K.P. JAYA
DIRECTOR

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dirresearch@gmail.com



Procs. No.21247997150/Ph.D./AR14

Date : 17.09.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 17.09.2021.

Ms.Princy A has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Masilla Moses Kennedy 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.Masilla Moses Kennedy, Associate Professor
Department of Physics
Sri Sivasubramania Nadar College of Engineering
Kalavakkam, Kancheepuram - 603110 | Supervisor/
Convener |
| 2. Dr.V.Ponnusamy, Professor
Department of Physics
MIT Campus
Anna University Chennai - 600044 | Member |
| 3. Dr.G Anbalagan, Professor
Department of Nuclear Physics
University of Madras Chennai - 600025 | 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".

DIRECTOR

To
The Supervisor
Copy to : All Members

Handwritten signature and date
17/09/21

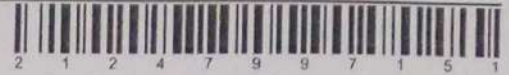


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dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 17.09.2021

To

✓ Dr.S.Masilla Moses Kennedy
Associate Professor
Department of Physics
Sri Sivasubramania Nadar College of Engineering
Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Ms.Rathina Mala V** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF LANTHANIDE AND OTHER METAL IONS DOPED NANO PHOSPHORS**

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 **21247997151**.

In all future correspondence quote "**21247997151/Ph.D./AR14**" 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.

R. Mala
DIRECTOR
17/09/21

To

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

R. Mala
17/09/21

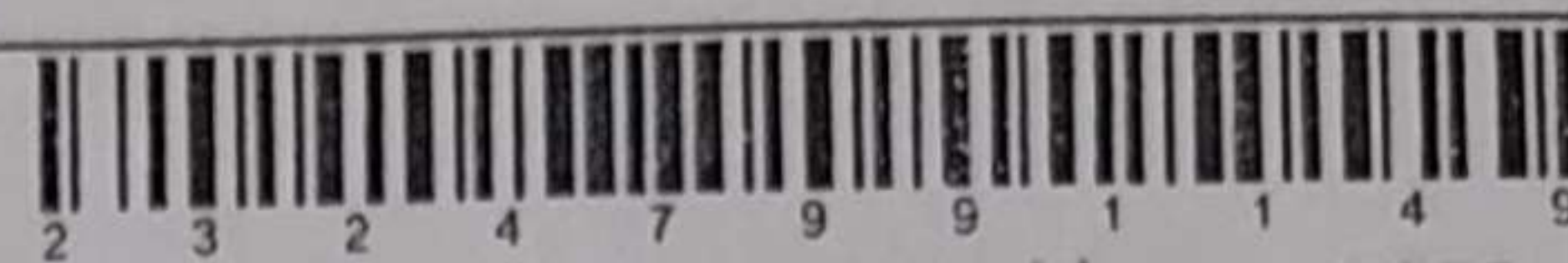


CENTRE FOR RESEARCH
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Dr. C.UMARANI
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dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JAN/2023

Date : 16.12.2022

To
Dr.S.Masilla Moses Kennedy
Associate Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref: Res. No. 40.4.01 of the 40th Research Board Meeting held on 15.11.2022

I am to inform that Ms.Jayasree J is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Science and Humanities of Anna University, Chennai during January 2023 session under your guidance.

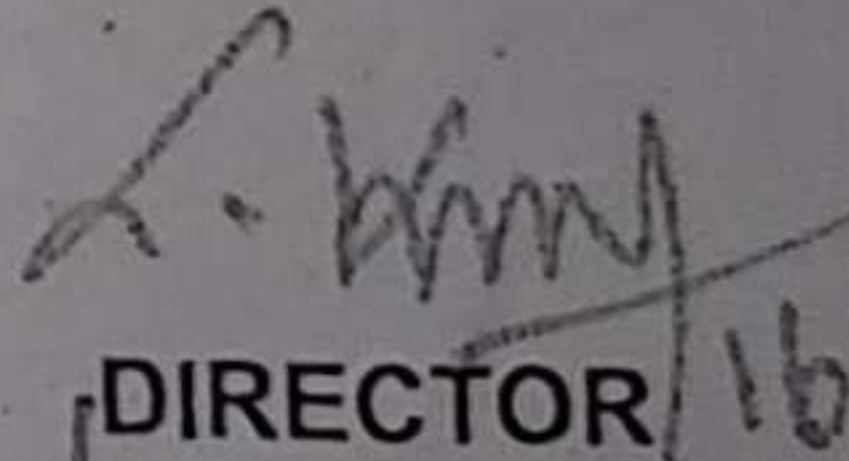
Topic of Research: **PREPARATION AND CHARACTERISATION OF RARE EARTH/METAL ACTIVATED NANO PHOSPHORS FOR DIFFERENT APPLICATIONS**

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.

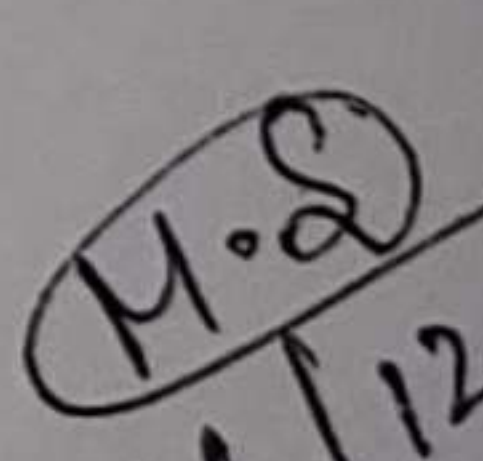
The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 23247991149.

In all future correspondence quote "23247991149/Ph.D./AR14" 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.


16/12/22



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dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JAN/2024 /AR14

Date : 27-12-2023

To
Dr.S.Masilla Moses Kennedy
Professor
Department of Physics
Sri Sivasubramania Nadar College of Engineering
Kalavakkam, Chennai - 603110

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

Ref : Res. No. 42.4.01 of the 42nd Research Board Meeting held on 28.11.2023

I am to inform that **Ms.Muthulakshmi E** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2024** session under your guidance.

Topic of Research: **PREPARATION AND CHARACTERIZATION OF CERTAIN LANTHANIDE AND TRANSITION METAL IONS ACTIVATED SILICATES/PHOSPHATES/OXIDES PHOSPHORS FOR LIGHT APPLICATIONS**

The Registration Number of the research scholar is **24247991244** and in all future correspondence quote "**24247991244/Ph.D./AR14**" as reference.

The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments made to the Regulations from time to time. The research scholar should complete the Semester Progress Report 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.

27-12-2023
for **DIRECTOR**

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



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



Lr.No.CFR/Ph.D./Admn/JAN/2024 /AR14

Date : 27-12-2023

To
Dr.S.Masilla Moses Kennedy
Professor
Department of Physics
Sri Sivasubramania Nadar College of Engineering
Kalavakkam, Chennai, Chengalpet - 603110

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

Ref : Res. No. 42.4.01 of the 42nd Research Board Meeting held on 28.11.2023

I am to inform that **Ms.Beny Jermila S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2024** session under your guidance.

Topic of Research: **RARE EARTH AND TRANSITION METAL IONS ACTIVATED BORATE/PHOSPHATE PHOSPHORS FOR LIGHT/SENSING APPLICATIONS.**

The Registration Number of the research scholar is **24247991234** and in all future correspondence quote "**24247991234/Ph.D./AR14**" as reference.

The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments made to the Regulations from time to time. The research scholar should complete the Semester Progress Report 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.

27-12-2023
for **DIRECTOR**

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



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CHENNAI - 600 025



Dr. K.P. JAYA
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dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JAN/2021

Date : 18.01.2021

To

Dr. Julie Charles

Assistant Professor

Department of Physics

SSN College of Engineering

Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 36.09 of the 36th Research Board Meeting held on 03.11.2020

I am to inform that **Ms.Roshini G** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2021** session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF CONDUCTING POLYMER COMPOSITES**

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 **21237991139**.

In all future correspondence quote "**21237991139/Ph.D./AR14**" 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.

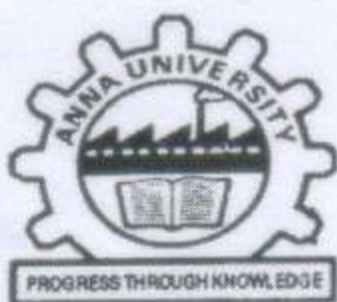

DIRECTOR 18/01/2021


18/01/2021

To

1. Individual.

2. The Head of the Department / Director of the Centre.



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
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Email : dirresearch@annauniv.edu
dirresearch@gmail.com



Procs. No.21237991139/Ph.D./AR14

Date : 18.01.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2021/ dated: 18.01.2021.

Ms.**Roshini G** has been granted provisional registration for Ph.D. Programme under the guidance of Dr..Julie Charles 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. Julie Charles, Assistant Professor**
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

Supervisor/
Convener

2. **Dr.R. Jayavel, Professor**
Centre for Nanoscience and Technology
Anna University
Chennai - 600 025

Member

3. **Dr.Johanan Christian Prasana, Associate Professor**
Department of Physics
Madras Christian College
Chennai - 600 059

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".


DIRECTOR

To
The Supervisor
Copy to : All Members


18/01/2021



CENTRE FOR RESEARCH

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CHENNAI - 600 025



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dirresearch@gmail.com



Date : 17.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To
✓ Dr..Julie Charles
Associate Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Ms.Priyanka E** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **SYNTHESIS OF TERNARY POLYMER NANOCOMPOSITES FOR SUPERCAPACITOR 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 **21237997129**.

In all future correspondence quote "**21237997129/Ph.D./AR14**" 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
17/09/21

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

17/09/21



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
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dirresearch@gmail.com



Procs. No.21237997129/Ph.D./AR14

Date : 17.09.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 17.09.2021.

Ms.**Priyanka E** has been granted provisional registration for Ph.D. Programme under the guidance of Dr..Julie Charles 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..Julie Charles, Associate Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Kancheepuram - 603110 | Supervisor/
Convener |
| 2. Dr.K Sathish Kumar, Associate Professor
Department of Chemical Engineering
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Kancheepuram-603110 | Member |
| 3. Dr.G Anbalagan, Professor
Department of Nuclear Physics
University of Madras
Chennai-600005 | 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".


DIRECTOR
17/9/21

To
The Supervisor
Copy to : All Members

17/9/21



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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dirresearch@gmail.com



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

Date : 8-2-2022

To
Dr..Julie Charles
Associate Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam others - 603110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Ms.Buvana S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: SYNTHESIS OF POLYMER NANOCOMPOSITES FOR ANTIMICROBIAL 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 **22237991119**.

In all future correspondence quote "**22237991119/Ph.D./AR14**" 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]
08/02/22
DIRECTOR

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

[Signature]

[Signature]
08/02/22



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Procs. No.22237991119/Ph.D./AR14

Date : 15/02/2022

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 14.02.2022.

Ms.**Buvana S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr..Julie Charles 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..Julie Charles, Associate Professor
Department of Physics
✓ Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Chennai - 603110 | Supervisor/
Convener |
| 2. Dr.K. Sathish Kumar, Professor
Department of Chemical Engineering
Sri Sivasubramaniya Nadar College of Engineering Kalavakkam - 603 110 | Member |
| 3. Dr.G. Anbalagan, Professor
Department of Nuclear Physics
University of Madras Chennai - 600 025 | 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".

[Signature]
15/02/2022
DIRECTOR

To
The Supervisor
Copy to : All Members

[Signature]
15/02/2022



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



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

Date : 28/1/2022

To
Dr..Julie Charles
Associate Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Chennai - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Ms.Rashika M** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE INCORPORATED POLYMER MATRIX FOR VARIED 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 **22247991123**.

In all future correspondence quote "**22247991123/Ph.D./AR14**" 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.

[Handwritten Signature]
28/03/2022
DIRECTOR

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

[Handwritten Signature]
28/03/2022

[Handwritten Signature]
01/03/2022



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



Procs. No.22247991123/Ph.D./AR14

Date : 2/3/2022

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 01.03.2022.

Ms.**Rashika M** has been granted provisional registration for Ph.D. Programme under the guidance of Dr..Julie Charles 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..Julie Charles, Associate Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Chennai - 603 110 | Supervisor/
Convener |
| 2. Dr.R.Jayavel, Professor
Centre for NanoScience And Technology
Anna University Chennai - 600 025 | Member |
| 3. Dr.S.Jayakumar, Associate Professor
Department of Physics
RKM Vivekananda College Mylapore - 600 004 | 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".

[Signature]
02/03/2022
DIRECTOR

To
The Supervisor
Copy to : All Members

[Signature]
2/3/22

[Signature]
01/03/2022



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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dirresearch@gmail.com



Date : 19.12.2019

Lr.No.CFR/Ph.D./Admn/JAN/2020

To
Dr.G.Anandha Babu
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 34.09 of the 34th Research Board Meeting held on 18.11.2019

I am to inform that **Ms.Gowthami S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2020** session under your guidance.

Topic of Research: **DEVELOPMENT OF HIGH-PERFORMANCE LEAD BASED PIEZOCERAMICS FOR TRANSDUCER 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 **20247991116**.

In all future correspondence quote "**20247991116/Ph.D./AR14**" 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.

RB
19/12/19
19/12/19



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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Fax : +91-44-2220 1213

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



Lr.No.CFR/Ph.D./Admn/JAN/2020

Date : 24.12.2019

To
Dr.G.Anandha Babu
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 34.09 of the 34th Research Board Meeting held on 18.11.2019

I am to inform that **Mr.Guru Bharath S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of Science and Humanities of Anna University, Chennai during **January 2020** session under your guidance.

Topic of Research: **DEVELOPMENT OF PEROVSKITES PIEZOELECTRIC SINGLE CRYSTAL FOR STRATEGIC 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 **20147991155**.

In all future correspondence quote "**20147991155/Ph.D./AR14**" 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.

S. K. M. / 24/12/19
DIRECTOR

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

24/12/19
26/12/19



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Date : 17.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To
Dr.G.Anandha Babu
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Ms.Thangamaalika D** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **DEVELOPMENT OF PIEZOELECTRIC CERAMICS FOR TRANSDUCER 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 **21247997163**.

In all future correspondence quote "**21247997163/Ph.D./AR14**" 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.

17/09/21

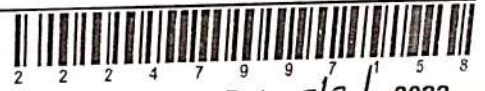


CENTRE FOR RESEARCH
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CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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dirresearch@gmail.com



Date : 3/8 / 2022

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

To
Dr.G.Anandhababu
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Chennai - 603110

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

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

I am to inform that Ms.Assumptana Sirumalar A is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Science and Humanities of Anna University, Chennai during JULY 2022 session under your guidance.

Topic of Research: **DEVELOPMENT AND CHARACTERIZATION OF LEAD-FREE PEROVSKITE
PIEZOELECTRIC CERAMICS**

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 22247997158.

In all future correspondence quote "22247997158/Ph.D./AR14" 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]
3/8/2022
DIRECTOR

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

[Signature]
3/8/22
[Signature]



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 17.09.2021

To

Dr.P.Rajesh
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Mohamad Asikali A** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **GROWTH OF RARE-EARTH INCORPORATED BIMETALLIC THIOCYANATE SINGLE CRYSTALS AND EFFECT OF SWIFT HEAVY ION IRRADIATION ON THEIR PROPERTIES**

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 **21187997117**.

In all future correspondence quote "**21187997117/Ph.D./AR14**" 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.

17/09/2021



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025

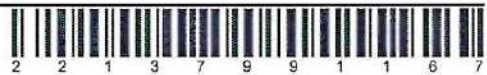


Dr. C.UMARANI
DIRECTOR

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Fax : +91-44-2220 1213

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



Date : 11-2-2022

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

To
Dr.P.Rajesh
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Mr.Manivel R** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **Design and Fabrication of Tunable Bandgap Chalcogenide Semiconductors for Ambient Temperature Gamma Ray Detector Application**

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 **22137991167**.

In all future correspondence quote "**22137991167/Ph.D./AR14**" 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
11/02/2022
DIRECTOR

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

Dr. C. Umarani

Dr. C. Umarani



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 : 15/02/2022

Procs. No.22137991167/Ph.D./AR14

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 11.02.2022.

Mr.**Manivel R** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.P.Rajesh 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.

- | | |
|---|---------------------------------|
| <p>1. Dr.P.Rajesh, Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110</p> | <p>Supervisor/
Convener</p> |
| <p>2. Dr.S.Moorthy Babu, Professor
Department of Crystal Growth Centre
Anna University
Chennai - 600 025</p> | <p>Member</p> |
| <p>3. Dr.C.Venkateswaran, Professor
Department of Nuclear Physics
University of Madras (Guindy Campus)
Chennai - 600 025</p> | <p>Member</p> |

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



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 5-10-2021

To
Dr.A.Chandrasekaran
Assistant Professor
Department of Physics
SSN college of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Sathish V** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **HEAVY MINERALS AND GEOCHEMICAL STUDIES OF COASTAL SEDIMENTS**

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 **21127997132**.

In all future correspondence quote "**21127997132/Ph.D./AR14**" 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]
DIRECTOR

To

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

[Signature]
5/10/21

[Signature]
5/10/21



CENTRE FOR RESEARCH

ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 5/7/2021

To
Dr.A.Chandrasekaran
Assistant Professor
Department of Physics
SSN college of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref: Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Ms.Tamilarasi A** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **APPLICATION OF SPECTROSCOPIC TECHNIQUES IN ARCHEOLOGICAL MATERIALS**

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 **21227997141**.

In all future correspondence quote "**21227997141/Ph.D./AR14**" 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]
DIRECTOR

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

[Signature]
5/7/21

[Signature]
5/7/21



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



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

Date : 11-2-2022

To
Dr.A.Chandrasekaran
Assistant Professor
Department of Physics
SSN college of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Ms.Karthikayini S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **ASSESSMENT OF HEAVY METALS AND ITS POLLUTION STATUS IN SOILS OF LEATHER INDUSTRIAL AREA**

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 **22247991107**.

In all future correspondence quote "**22247991107/Ph.D.JAR14**" 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]
4/02/2022
DIRECTOR

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

[Signature]
11/02/22
[Signature]



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 026



Dr. K.P. JAYA
DIRECTOR

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



Date : 24/07.2019

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

To
 Dr.A. Murugswari
 Assistant Professor
 Department of Physics
 College of Engineering
 Anna University, Chennai - 600 025

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. Akanksha Choubey is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Science and Humanities of Anna University, Chennai during JUL 2019 session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF MANGANITES TO EXPLORE ITS
 MAGNETOCALORIC PROPERTIES BY STUDYING ITS A-SITE DOPING EFFECT**

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 19257197122.

In all future correspondence quote "19257197122/Ph.D./AR13" 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.

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

DIRECTOR

24/7/19

25/7/19



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Date : 4.12.2019

Lr.No.19257197122/Ph.D./AR13

Sub : Ph.D. Programme – Ms.Choubey.Akanksha Research Scholar – Change of Supervisor -
Orders - Issued.

Ref : 1.This Office Proceedings of even number Dtd: 24.07.2019.

2.Letter Dtd: 29.11.2019 - from the research scholar duly forwarded by supervisor and the
Head of the Department

Under the circumstances stated in the reference 2nd cited, Dr.P.Nagapandiselvi, Assistant Professor, Department of Physics, SSN College of Engineering, Kalavakkam Chennai - 603 110 has been nominated as Supervisor in the place of Dr. A..Murugeswari, in respect of the Research Scholar Ms.Choubey.Akanksha.

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."

J. Malar
4/12/19
DIRECTOR

To
Dr.P.Nagapandiselvi
Assistant Professor
Department of Physics
SSN College of Engineering Kalavakkam
Chennai - 603 110

Copy to :

- 1.The Head / Director, Department of Physics, SSN College of Engineering, Kalavakkam, Chennai - 603 110
- 2.Dr. A..Murugeswari, Assistant Professor, Department of Physics CEG Campus Anna University Chennai-600 025 (for information)
- 3.Ms.Choubey Akanksha, Research scholar through the Supervisor Dr.P Nagapandiselvi.



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Date : 10-2-2022

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

To
Dr.P.Nagapandiselvi
Assistant Professor
Department of Physics
SSN College of Engineering
Kancheepuram - 603110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Ms.Chandraleka C** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **MXENE NANOCOMPOSITES WITH THE TRANSITION METALS FOR EFFICIENT VISIBLE LIGHT PHOTOCATALYTIC DEGRADATION OF TEXTILE DYE AND WASTEWATER TREATMENT**

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 **22237991159**.

In all future correspondence quote "**22237991159/Ph.D./AR14**" 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]
10/2/2022
DIRECTOR

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

[Signature]



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



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

Date : 10.2.2022

To
Dr.P.Nagapandiselvi
Assistant Professor
Department of Physics
SSN College of Engineering
Kancheepuram - 603110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Ms.Chandraleka C** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **MXENE NANOCOMPOSITES WITH THE TRANSITION METALS FOR EFFICIENT VISIBLE LIGHT PHOTOCATALYTIC DEGRADATION OF TEXTILE DYE AND WASTEWATER TREATMENT**

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 **22237991159**.

In all future correspondence quote "**22237991159/Ph.D./AR14**" 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.

for
10/2/2022
DIRECTOR

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

[Signature]



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Procs. No.23247991107/Ph.D./AR14

Date : 16/12/2022

Sub : Ph.D. Programme – Ms.Yazhini Priya S, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2023, dated 16.12.2022

Ms.Yazhini Priya S has been granted provisional registration for Ph.D. Programme under the guidance of Dr.Nagapandiselvi Perumal 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.Nagapandiselvi Perumal, Assistant Professor
Department of Physics
SSN College of Engineering
Kancheepuram - 603 110 | Supervisor/
Convener |
| 2. Dr.V.Ponnusamy, Professor
Department of Physics
MIT Campus Anna University
Chennai-600 044 | Member |
| 3. Dr.K.Sethuraman, Associate Professor
Department of Material Science
Central University of Tamilnadu
Thiruvavur-610 005 | 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".

[Signature]
DIRECTOR
 16/12/22

To
 The Supervisor
 Copy to : All Members

[Signature]



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

Telephone : +91-44-2235 1386/2235 0361
Fax : +91-44-2220 1213
Email : cfrc@annauniv.edu
cfrc@annauniv.edu



Date 16/12/2022

Lr.No.CFR/Ph.D./Admn/JAN/2023

To
Dr P. Naigapandiselvi
Assistant Professor
Department of Physics
SSN College of Engineering
Kancheepuram - 603 110.

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

Ref: Res. No. 40.4.01 of the 40th Research Board Meeting held on 15.11.2022

I am to inform that **Ms.Sathiya B** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2023** session under your guidance.

Topic of Research: **INVESTIGATION ON GRAPHITIC CARBON NITRIDE (G-C₃N₄) BASED NANOCOMPOSITES FOR PHOTOCATALYTIC APPLICATIONS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfrc.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 **23247991137**.

In all future correspondence quote "**23247991137/Ph.D./AR14**" 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.

Shobana K S
DIRECTOR 16/12/22

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

PR



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



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

Date 17.07.2019

To
Dr.P. Balaji Bhargav
Assistant Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Chennai - 603 110

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. Mathew K Francis** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during JUL 2019 session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF CZTS THIN FILMS FOR SOLAR CELL APPLICATION**

The Research Scholar may be instructed to submit the Enrolment Form ([accessed through the website https://cfr.annauniv.edu/scholars/](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 **19157997120**.

In all future correspondence quote "**19157997120/Ph.D./AR13**" 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.

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

K. Balaji
17/7/19
DIRECTOR
19/7/19



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ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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dirresearch@gmail.com



Date : 15.02.2021

Lr.No.CFR/Ph.D./Admn/JAN/2021

To
Dr.P.Balaji Bhargav
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Chennai - 603 110

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

Ref : Res. No. 36.09 of the 36th Research Board Meeting held on 03.11.2020

I am to inform that **Mr.Gautham Kumar G** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2021** session under your guidance.

Topic of Research: **DEVELOPMENT OF COST-EFFECTIVE AND HIGHLY EFFICIENT COUNTER ELECTRODES FOR DYE SYNTHESISED SOLAR CELLS 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 **21137991184**.

In all future correspondence quote "**21137991184/Ph.D./AR14**" 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.

J. Mala
DIRECTOR
15/2/21

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

M.S
15/2/2021



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Date : 17.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To
✓ Dr.P.Balaji Bhargav
Assistant Professor
Department of Physics
SSN College of Engineering
Chennai - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Senthilnathan S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **SILVER NANOWIRES AND MOS2 MICROSPHERE BASED FILTRATION SYSTEM FOR EFFICIENT BACTERIAL REMOVAL FROM PORTABLE WATER**

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 **21147997185**.

In all future correspondence quote "**21147997185/Ph.D./AR14**" 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]
DIRECTOR

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

[Signature]
17/09/21



CENTRE FOR RESEARCH

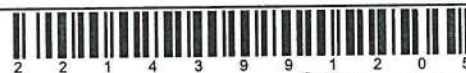
ANNA UNIVERSITY

CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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dirresearch@gmail.com



Date 25/2/22 .2022

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

To
Dr.P.Balaji Bhargav
Assistant Professor
Department of Physics
SSN College of Engineering, Kalavakkam
Chennai - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

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

Topic of Research: **DEVELOPMENT OF DATA DRIVEN BATTERY MANAGEMENT SYSTEMS FOR ELECTRIC VEHICLES**

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 **22143991205**.

In all future correspondence quote "**22143991205/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.

Shoba K.N.
25/2/22
DIRECTOR

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

25/02/22
25/2/22



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



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DIRECTOR

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



Procs. No.22143991205/Ph.D./AR11

Date : 25-2-2022

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 25.02.2022.

Mr.Balaji C has been granted provisional registration for Ph.D. Programme under the guidance of Dr.P.Balaji Bhargav 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.Balaji Bhargav, Assistant Professor
Department of Physics
SSN College of Engineering, Kalavakkam
Chennai - 603 110 | Supervisor/
Convener |
| 2. Dr.R. Jayavel, Professor
Center for Nanoscience and Nanotechnology
Anna University
Chennai - 600 025 | Member |
| 3. Dr.A. Sreekumar, Assistant Professor
Center for Green Energy Technology
Pondicherry University
Pondicherry - 605 014 | 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"

Shoban K. A.
25/2/22
DIRECTOR

To
The Supervisor
Copy to : All Members

25/02/22
Shoban K. A.



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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

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



Date : 27-06.2022

To
Dr.P.Balaji Bhargav
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Chennai, Kancheepuram - 603 110

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

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

I am to inform that **Mr.Akhil Krishnan** is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Science and Humanities of Anna University, Chennai during JULY 2022 session under your guidance.

Topic of Research: **SILICON INGOT GROWTH AND SOLAR CELL FABRICATION**

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 **22197997111**.

In all future correspondence quote "**22197997111/Ph.D./AR14**" 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.

2
27/6/2022



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Date : 19.12.2019

Lr.No.CFR/Ph.D./Admn/JAN/2020

To
Dr.M.Senthil Pandian
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 34.09 of the 34th Research Board Meeting held on 18.11.2019

I am to inform that **Mr.Acchutharaman K R** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2020** session under your guidance.

Topic of Research: **FABRICATION OF PEROVSKITE SOLAR CELL USING INORGANIC ELECTRON TRANSPORT MATERIAL**

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 **20147991111**.

In all future correspondence quote "**20147991111/Ph.D./AR14**" 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.

K. Alabai
19/12/19
DIRECTOR

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

R.
19/12/19
[Signature]
19/12/19



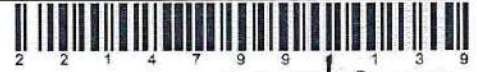
CENTRE FOR RESEARCH

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



Date : 4/02 .2022

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

To
Dr.M.Senthil Pandian
Assistant Professor
Department of Physics
SSN College of Engineering,
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Mr.Jeffrey Joseph J** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **DEVELOPMENT OF NOVEL ELECTRODE MATERIAL BASED ON METAL CHALCOGENIDES FOR ENERGY STORAGE 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 **22147991139**.

In all future correspondence quote "**22147991139/Ph.D./AR14**" 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.


14/02/22

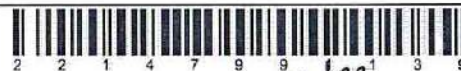


CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Procs. No.22147991139/Ph.D./AR14

Date 12/02/2022

Sub : Ph.D. Programme – Mr.Jeffrey Joseph J, Research Scholar – Constitution of Doctoral Committee
– Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 12.02.2022.

Mr.Jeffrey Joseph J has been granted provisional registration for Ph.D. Programme under the guidance of Dr.M.Senthil Pandian 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.M.Senthil Pandian, Assistant Professor
Department of Physics
SSN College of Engineering,
Kalavakkam, Kancheepuram - 603 110 | Supervisor/
Convener |
| 2. Dr.R.Jayavel, Professor
Centre for Nanoscience and Technology
Anna University
Chennai - 600 025 | Member |
| 3. Dr.K.Sethuraman, Associate Professor
Department of Material Science
Central University of Tamilnadu
Thiruvavur - 610 005 | 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".

[Signature]
DIRECTOR

To
The Supervisor
Copy to : All Members

[Signature]
14/02/22



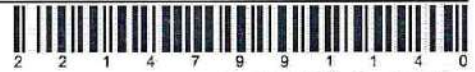
CENTRE FOR RESEARCH

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 : 7-2-2022

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

To
Dr.M.Senthil Pandian
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Mr.Sahaya Infant Lasalle B** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **GROWTH OF PIPERAZINE DERIVATIVE MATERIALS AND FABRICATION OF TYPE-1 AND TYPE-2 SHG ELEMENTS FOR OPTICAL 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 **22147991140**.

In all future correspondence quote "**22147991140/Ph.D./AR14**" 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
7/02/2022
DIRECTOR

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

Be
07/02/22
Hand
7/2/22

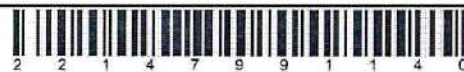


CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Procs. No.22147991140/Ph.D./AR14

Date : 7-2-2022

Sub : Ph.D. Programme – Mr.Sahaya Infant Lasalle B, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 03.02.2022.

Mr.**Sahaya Infant Lasalle B** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.M.Senthil Pandian 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.

- | | |
|--|---------------------------------|
| <p>1. Dr.M.Senthil Pandian, Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110</p> | <p>Supervisor/
Convener</p> |
| <p>2. Dr.M.Arivanandhan, Associate Professor
Centre for Nanoscience and Technology
Anna University
Chennai - 600 025</p> | <p>Member</p> |
| <p>3. Dr.K.Sethuraman, Associate Professor
Department of Material Science
Central University of Tamilnadu
Thiruvavur - 610 005</p> | <p>Member</p> |

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]
DIRECTOR

To
The Supervisor
Copy to : All Members

[Handwritten Signature]
07/02/22

[Handwritten Signature]
7/2/22



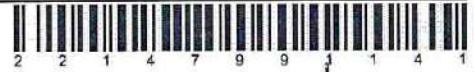
CENTRE FOR RESEARCH

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 : 14/02.2022

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

To
Dr.M.Senthil Pandian
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam Kancheepuram - 603 110

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

Ref : Res. No. 38.4.01 of the 38th Research Board Meeting held on 19.01.2022

I am to inform that **Mr.Bala Gowtham N** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2022** session under your guidance.

Topic of Research: **SYNTHESIS OF HIGH QUALITY LEAD HALIDE PEROVSKITE NANOPARTICLES VIA SOLVENT APPROACH FOR EFFICIENT PEROVSKITE SOLAR CELLS**

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 **22147991141**.

In all future correspondence quote "**22147991141/Ph.D./AR14**" 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.


14/02/22



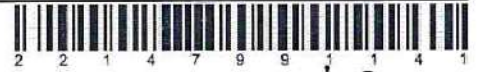
CENTRE FOR RESEARCH

ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Procs. No.22147991141/Ph.D./AR14

Date : 14/02.2022

Sub : Ph.D. Programme – Mr.Bala Gowtham N, Research Scholar – Constitution of Doctoral Committee
– Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 12.02.2022.

Mr.**Bala Gowtham N** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.M.Senthil Pandian 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.M.Senthil Pandian, Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam Kancheepuram - 603 110 | Supervisor/
Convener |
| 2. Dr.M.Arivanantham, Assistant Professor
Centre for Nanoscience and Technology
Anna University
Chennai - 600 025 | Member |
| 3. Dr.S.Karuppuchamy, Professor
Department of Energy Science
Alagappa University
Karaikudi - 630 003 | 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".

Shobana K
DIRECTOR

To
The Supervisor
Copy to : All Members

14/02/22



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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



Date : 27.6.2022

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

To
Dr.M.Senthil Pandian
Assistant Professor
Department of Physics
SSN College of Engineering
kalavakkam, Kancheepuram - 603 110

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

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

I am to inform that **Mr.Lawrence Daniel S** is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2022** session under your guidance.

Topic of Research: **GROWTH OF MULTICRYSTALLINE SILICON USING DIRECTIONAL SOLIDIFICATION PROCESS AND FABRICATION OF EFFICIENCY ENHANCED SILICON SOLAR CELL**

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 **22147997113**.

In all future correspondence quote "**22147997113/Ph.D./AR14**" 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.

27/6/22



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



Procs. No.22147997113/Ph.D./AR14

Date : 27.6.2022

Sub : Ph.D. Programme – Mr.Lawrence Daniel S, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

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

Mr.Lawrence Daniel S has been granted provisional registration for Ph.D. Programme under the guidance of Dr.M.Senthil Pandian 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.M.Senthil Pandian, Assistant Professor

Department of Physics
 SSN College of Engineering
 Kalavakkam, Kancheepuram - 603 110

Supervisor/
 Convener

2. Dr.R. Jayavel, Professor

Centre for Nanoscience and Technology
 CEG Campus
 Anna University, Chennai - 600 025

Member

3. Dr.S. Karuppuchamy, Professor

Department of Energy Science
 Alagappa University
 Karaikudi - 630 003

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".

(Signature)
DIRECTOR
 27/6/22

To
 The Supervisor
 Copy to : All Members

(H.S.)
 27/6/22



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Procs. No.21137997209/Ph.D./AR13

Date : 28.09.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 28.09.2021.

Mr.**Muthukumar R** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.K.Aravinth 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.K.Aravinth, Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603110 | Supervisor/
Convener |
| 2. Dr.R.Jayavel, Professor
Centre for Nano Science and Nano Technology
Anna University Chennai-600025 | Member |
| 3. Dr.K.Sankaranarayanan, Professor
Department of Physics
Alagappa University Science Campus Karaikudi
Sivaganga-630003 | 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".

[Signature]
DIRECTOR

To
The Supervisor
Copy to : All Members

[Signature]
28/9/21

[Signature]
28/9/21



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361

Fax : +91-44-2220 1213

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



Date : 17.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To
✓ Dr.K.Aravindh
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam Chennai - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Arun T** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE NANOSTRUCTURE FOR PHOTOCATALYTIC 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 **21147997134**.

In all future correspondence quote "**21147997134/Ph.D./AR14**" 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.


17/09/2021



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
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Email : dirresearch@annauniv.edu
dirresearch@gmail.com



Procs. No.21147997134/Ph.D./AR14

Date : 17.09.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 17.09.2021.

Mr.**Arun T** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.K.Aravinth 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.K.Aravinth, Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam Chennai - 603 110 | Supervisor/
Convener |
| 2. Dr.M.Arivanandhan, Associate Professor
Centre for Nanoscience and Technology
Anna University
Chennai - 600 025 | Member |
| 3. Dr.M.Sivakumar, Associate Professor
Department of Physics
Allagappa University
Karaikudi - 630 003 | 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".**

DIRECTOR

To
The Supervisor
Copy to : All Members

17/09/2021



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 17.09.2021

To
Dr.K.Aravinth
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam Chennai - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Arun T** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE NANOSTRUCTURE FOR PHOTOCATALYTIC 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 **21147997134**.

In all future correspondence quote "**21147997134/Ph.D./AR14**" 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.


17/09/2021



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361

Fax : +91-44-2220 1213

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



Procs. No.21147997134/Ph.D./AR14

Date : 17.09.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 17.09.2021.

Mr.Arun T has been granted provisional registration for Ph.D. Programme under the guidance of Dr.K.Aravinth 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.K.Aravinth, Assistant Professor

Department of Physics
SSN College of Engineering
Kalavakkam Chennai - 603 110

Supervisor/
Convener

2. Dr.M.Arivanandhan, Associate Professor

Centre for Nanoscience and Technology
Anna University
Chennai - 600 025

Member

3. Dr.M.Sivakumar, Associate Professor

Department of Physics
Allagappa University
Karaikudi - 630 003

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.**

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DIRECTOR

To
The Supervisor
Copy to : All Members


17/09/2021



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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Fax : +91-44-2220 1213

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



Procs. No.21147997134/Ph.D./AR14

Date : 17.09.2021

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

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 17.09.2021.

Mr.Arun T has been granted provisional registration for Ph.D. Programme under the guidance of Dr.K.Aravinth 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.K.Aravinth, Assistant Professor**

Department of Physics
SSN College of Engineering
Kalavakkam Chennai - 603 110

Supervisor/
Convener

2. **Dr.M.Arivanandhan, Associate Professor**

Centre for Nanoscience and Technology
Anna University
Chennai - 600 025

Member

3. **Dr.M.Sivakumar, Associate Professor**

Department of Physics
Allagappa University
Karaikudi - 630 003

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.**

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DIRECTOR

To
The Supervisor
Copy to : All Members


17/09/2021



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 : 27/6 .2022

To
Dr.K.Aravinth
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

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

I am to inform that **Ms.Sanghavi B** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2022** session under your guidance.

Topic of Research: **RARE EARTH DOPED ALKALINE EARTH ALUMINATE NANOPHOSPHORS FOR WLEDs 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 **22237997104**.

In all future correspondence quote "**22237997104/Ph.D./AR14**" 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]
27/6/22
DIRECTOR

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

[Signature]
27/6/22



CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Date : 15.02.2021

Lr.No.CFR/Ph.D./Admn/JAN/2021

To

Dr.M.Srinivasan

Assistant Professor

Department of Physics

SSN College of Engineering

Kancheepuram - 603 110

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

Ref : Res. No. 36.09 of the 36th Research Board Meeting held on 03.11.2020

I am to inform that **Ms.Shobana Priyanka D** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2021** session under your guidance.

Topic of Research: **COMPUTATIONAL STUDIES ON HEUSLER MATERIALS FOR SPINTRONIC AND THERMOELECTRIC 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 **21237991178**.

In all future correspondence quote "**21237991178/Ph.D./AR14**" 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]
DIRECTOR

[Signature]
15/2/21

To

1. Individual.

2. The Head of the Department / Director of the Centre.

Dr. K.P. JAYA
DIRECTOR

ANNA UNIVERSITY
CHENNAI - 600 025

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



Lr.No.CFR/Ph.D./Admn/JUL/2021



Date : 17.09.2021

To
Dr.M.Srinivasan
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam Kancheepuram - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Sugunraj S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

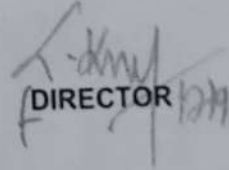
Topic of Research: **COMPUTATIONAL AND EXPERIMENTAL INVESTIGATION ON GE DOPED MULTICRYSTALLINE SILICON CRYSTAL FOR PV APPLICATIONS.**

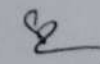
The Research Scholar may be instructed to submit the Enrolment Form (**accessed through the website <https://cfr.annauniv.edu/scholars/>**) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in 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 **21147997112**.

In all future correspondence quote "**21147997112/Ph.D./AR14**" 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


17/09/2021

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

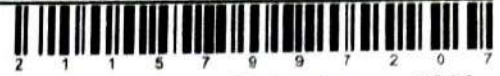


CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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dirresearch@gmail.com



Date : 12.10.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To
Dr.M.Srinivasan
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Keerthivasan T** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **GROWTH AND FABRICATION OF MULTICRYSTALLINE SILICON FOR SOLAR CELL APPLICATIONS: A COMPUTATIONAL AND EXPERIMENTAL INVESTIGATION**

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 **21157997207**.

In all future correspondence quote "**21157997207/Ph.D.JAR14**" 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]
DIRECTOR
12/10/21

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

[Signature]
9/10/21
[Signature]
9/10/21



CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 095



Telephone : +91-44-2235 7366/2235 0261
Fax : +91-44-2229 1213
Email : dirresearch@annauniv.edu
dirresearch@gmail.com

Dr. C.UMARANI
DIRECTOR



Date : 16.12.2022

Lr.No.CFR/Ph.D./Admn/JAN/2023

To
Dr.M.Srinivasan
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 40.4.01 of the 40th Research Board Meeting held on 15.11.2022

I am to inform that Mr.Klinton Brito K is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Science and Humanities of Anna University, Chennai during January 2023 session under your guidance.

Topic of Research : **COMPUTATIONAL AND EXPERIMENTAL INVESTIGATION ON NOVEL THERMOELECTRIC MATERIALS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfrr.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 23147991173.

In all future correspondence quote "23147991173/Ph.D/JAR14" 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 16/12/22

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

16/12

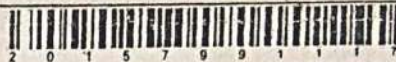


CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Date : 19.12.2019

Lr.No.CFR/Ph.D./Admn/JAN/2020

To
Dr.R.Govindaraj
Assistant Professor
Department of Physics
SSN College of Engineering
Rajiv Gandhi Salai (OMR), Kalavakkam, Chennai - 603 110

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

Ref : Res. No. 34.09 of the 34th Research Board Meeting held on 18.11.2019

I am to inform that **Mr.Isaac Daniel R** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of Science and Humanities of Anna University, Chennai during **January 2020** session under your guidance.

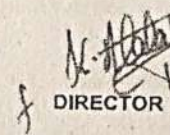
Topic of Research: **FABRICATION OF STABLE PEROVSKITE SOLAR CELLS USING INORGANIC HOLE TRANSPORT MATERIALS**

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.

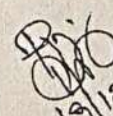
The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 20157991117.

In all future correspondence quote "20157991117/Ph.D./AR14" 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.


19/12/19
DIRECTOR

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


19/12/19

19/12/19



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ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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dirresearch@gmail.com



Date : 17.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To
Dr.R.Govindaraj
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Chennai - 603 110

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

Ref : Res. No. 37.06 of the 37th Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Anandha Krishnan R** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **DEVELOPMENT OF I-III-VI GROUP QUANTUM DOTS FOR SOLAR CELL 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 **21147997156**.

In all future correspondence quote "**21147997156/Ph.D./AR14**" 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.

G. Mala
DIRECTOR/17/21.

B

17/09/2021

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





CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. K.P. JAYA
DIRECTOR

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



Procs. No.21147997156/Ph.D./AR14

Date : 17.09.2021

Sub : Ph.D. Programme – Mr.Anandha Krishnan R, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 17.09.2021.

Mr.Anandha Krishnan R has been granted provisional registration for Ph.D. Programme under the guidance of Dr.R.Govindaraj 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.R.Govindaraj, Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Chennai - 603 110 | Supervisor/
Convener |
| 2. Dr.R. Radha Perumal, Assistant Professor
Department of Applied Science and Technology
A.C.Tech Campus Anna Unievrity
Chennai - 600 025 | Member |
| 3. Dr.Amutha Santhanam, Professor
National Centre for Nanoscience and Nanotechnology
University of Madras
Chennai - 600 005 | 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".

G. Mala
DIRECTOR
17/9/21

To
The Supervisor
Copy to : All Members

17/09/2021





ANNA UNIVERSITY
CHENNAI - 600 025



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

Dr. C.UMARANI
DIRECTOR



Date : 16/12/2022

Lr.No.CFR/Ph.D./Admn/JAN/2023

To
Dr.R.Govindaraj
Assistant Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Chennai - 603 110

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

Ref : Res. No. 40.4.01 of the 40th Research Board Meeting held on 15.11.2022

I am to inform that **Mr.Saravanan S** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2023** session under your guidance.

Topic of Research: **CRYSTALLIZATION OF LEAD-FREE BISMUTH BASED ABSORBERS ON RIGID AND FLEXIBLE SUBSTRATES USING GREEN SOLVENTS FOR PRINTABLE CARBON-BASED MESOSCOPIC SOLAR CELLS**

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 **23147991143**.

In all future correspondence quote "**23147991143/Ph.D./AR14**" 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.

Shobakar
16/12/22
DIRECTOR

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

PR



CENTRE FOR RESEARCH

ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

Telephone : +91-44-2235 7360/2235 0361
Fax : +91-44-2220 1213
Email : cfresearch@annauniv.edu
cfresearch@gmail.com



Date : 3/8/2022

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

To
Dr.P.Karuppasamy
Assistant Professor
Department of Physics
SSN College of Engineering
Kalavakkam, Chennai - 603 110

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

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

I am to inform that Mr.Periyannan P is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Science and Humanities of Anna University, Chennai during JULY 2022 session under your guidance.

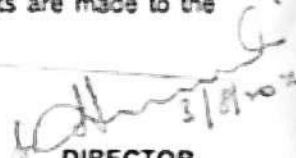
Topic of Research: **THEORETICAL AND EXPERIMENTAL INVESTIGATION ON SILICON CRYSTAL GROWTH PROCESS FOR SOLAR CELL APPLICATIONS**

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 22137997159.

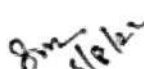
In all future correspondence quote "22137997159/Ph.D.JAR14" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.


DIRECTOR

To

1. Individual.

2. The Head of the Department / Director of the Centre.


3/8/22


3/8/22



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



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

Date : 14/07/2022

To
Dr.P.Karuppasamy
Assistant Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Kalavakkam, Kancheepuram - 603 110

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

Ref Res. No. 39.4.01 of the 39th Research Board Meeting held on 15.06.2022

I am to inform that **Mr.Jithin KURIAKOSE** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **JULY 2022** session under your guidance.

Topic of Research: **TECHNOLOGICALLY IMPORTANT SINGLE CRYSTALS BY MELT GROWTH TECHNIQUE**

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 **22157997161**.

In all future correspondence quote "**22157997161/Ph.D/JAR14**" 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]
14/7/22
DIRECTOR

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

[Signature]
14/7/22

[Signature]
14/7/22

[Signature]



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/JAN/2023

Date : .2023

To
Dr.P.Karuppasamy
Assistant Professor
Department of Physics
Sri Sivasubramaniya Nadar College of Engineering
Old Mahabalipuram Road, Kalavakkam, Kancheepuram - 603110

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

Ref : Res. No. 40.4.01 of the 40th Research Board Meeting held on 15.11.2022

I am to inform that **Mr.Bharathwaj M** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Science and Humanities** of Anna University, Chennai during **January 2023** session under your guidance.

Topic of Research: **EXPERIMENTAL AND NUMERICAL SIMULATION ON MONO AND MULTI CRYSTALLINE SILICON GROWTH PROCESS FOR SOLAR CELL APPLICATION**

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 **23127991183**.

In all future correspondence quote "**23127991183/Ph.D./AR14**" 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.

[Handwritten Signature]
9/01/2023
DIRECTOR

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

[Handwritten Signature]

[Handwritten Signature]
09/01/23

