

Indian Institute of Astrophysics

(An Autonomous Body under Department of Science and Technology, Govt. of India)

2nd Block Koramangala, Bangalore - 560034

Certificate

This is to certify the project entitled, "Detecting planets around stars beyond our solar system: A case study with HD86081", is an authentic and original work done by Ms. I. Agnes Pristy under my supervision online at Indian Institute of Astrophysics as part of her MSc. project.

Date: 22 June 2021 Place: Bangalore

> Prof. T. Sivarani Indian Institute of Astrophysics Bangalore-34





CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

K. Annie Roselin

of College Fatima college, Madurai-18.

has successfully completed 15 days internship on <u>"Practical</u> Simulation to IoT" held during 15th June 2021 to 30th June 2021 organized by Kaizen Futuretech, Mumbai.

KAIZEN FUTURETECH

Workshop Organizer

1 aya yotumi

Er. Jaya Jotwani
Co-Founder

Er. Manoj Kavedia

RUN BY

SUBRAMANIAN THANGATHAI EDUCATIONAL TRUST

(Regd: 60/Bk IV)

Cell: +91 94437 03089

Website: www.mrckovai.in

Email: mrckovai@gmail.d

Dr. S. Selvasekarapandian

Director

Date: ____07.08.2021

CERTIFICATE

This is to certify that Ms Anusuya J, II M.Sc. Physics [2020MSCP03] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasekarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the Applications of Battery" from 30.06.2021 to 30.07.2021.

S. Selva sekarapandian

Director



Teaching Fellow

ence an

Chennai 600 025

CENTRE FOR NANOSCIENCE AND TECHNOLOGY ANNA UNIVERSITY, CHENNAI-600 025, INDIA

Tel: +91-44-2235 9205

+91-44-2230 9113

E-mail: rrselvarajan@gmail.com

Date: 18.11.2021

BONAFIDE CERTIFICATE

no university to certify that Ms. ASSUMPTANA SIRUMALAR. A - 2020MSCP05, II-MSc Physics student from Research Centre of Physics, Fatima college (Autonomous), Affiliated to Madurai Kamaraj University, Madurai, Tamilnadu has successfully AND STRUCTURAL "SYNTHESIS Internship completed her OXIDE (CuO) BY CHEMICAL OF COPPER CHARACTERIZATION PRECIPITATION METHOD" at Centre for Nanoscience and Technology, Anna University, Chennai-600025 during the period from 1.7.2021 to 15.7.2021 through Online mode.

During the internship, we have found her to be dedicated, hardworking individual and her performance was good. She has scored an external mark of 59.

On behalf of our organization, we wish her all the best in her future endeavours and we wish her every success in life.

1 8 NOV 2021

R.SELVARAJ

Teaching Fellow.

Centre for Nanoscience and Technology

A.C.Tech Campus,

Anna University, Chennai-600 025.



Chennai 600 025

CENTRE FOR NANOSCIENCE AND TECHNOLOGY ANNA UNIVERSITY, CHENNAI-600 025, INDIA

Tel: +91-44-2235 9205

+91-44-2230 9113

E-mail: rrselvarajan@gmail.com

Mr. R. SELVARAJAN Teaching Fellow

Date: 18.11.2021

BONAFIDE CERTIFICATE

Research Centre of Physics, Fatima college (Autonomous), Affiliated to Madurai Kamaraj University, Madurai, Tamilnadu has successfully completed her Internship on "SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF COPPER OXIDE (CuO) BY CHEMICAL PRECIPITATION METHOD" at Centre for Nanoscience and Technology, Anna University, Chennai-600025 during the period from 1.7.2021 to 15.7.2021 through Online mode.

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1 8 NOV 2021 TECHNIA 20

R.SELVARAJAN

Teaching Fellow

Centre for Nanoscience and Technology

A.C.Tech Campus,

Anna University, Chennai-600 025.

CHENNA

600 025



CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

SUBHAKARTHIKA. M. R

of College______Fatima college, Madurai

has successfully completed 15 days internship on <u>"Practical</u> <u>Simulation to IoT"</u> held during <u>15th June 2021</u> to <u>30th June 2021</u> organized by Kaizen Futuretech, Mumbai.

KAIZEN FUTURETECH

Workshop Organizer

4 or Johnson

Er. Jaya Jotwani
Co-Founder

Er. Manoj Kavedia

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Cell: +91 94437 03089

Website: www.mrckovai.in

Email: mrckovai@gmail.com

Dr. S. Selvasekarapandian Director

Date : ____07.08.2021

CERTIFICATE

This is to certify that Ms Darathy Celciya A, II M.Sc. Physics [2020MSCP06] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasekarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the Applications of Battery" from 30.06.2021 to 30.07.2021.

S. Selva Selva va frandis S. Selva sekarapandian Director

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(Regd: 60/Bk IV)

Cell: +91 94437 03089

Website: www.mrckovai.in

Email: mrckovai@gmail.com

Dr. S. Selvasekarapandian Director Date: 07.08.2021

CERTIFICATE

This is to certify that Ms Deepithakumari S, II M.Sc. Physics [2020MSCP07] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasekarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the Applications of Battery" from 30.06.2021 to 30.07.2021.

S. Selvere centali.
S. Selvasekarapandian

Director



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2nd Block Koramangala, Bangalore - 560034

Certificate

This is to certify the project entitled, "Detecting planets around stars beyond our solar system: A case study with HD86081", is an authentic and original work done by Ms. Dhevadarshini Thirumal under my supervision online at Indian Institute of Astrophysics as part of her MSc. project. Based on her performance during the project, online interaction and ability to independently learn the tools needed for this project, I am assigning 59 marks out of 60 for the project work.

Date: 22 June 2021 Place: Bangalore

Prof. T. Sivarani Indian Institute of Astrophysics

T. Sivarai

Bangalore-34



Chennai 600 025

CENTRE FOR NANOSCIENCE AND TECHNOLOGY ANNA UNIVERSITY, CHENNAI-600 025, INDIA

Tel: +91-44-2235 9205

+91-44-2230 9113

E-mail: rrselvarajan@gmail.com

Mr. R. SELVARAJAN Teaching Fellow

Date: 18.11.2021

BONAFIDE CERTIFICATE

This is to certify that Ms. FEMI. C – 2020MSCP09, II-MSc Physics student from Research Centre of Physics, Fatima college (Autonomous), Affiliated to Madurai Kamaraj University, Madurai, Tamilnadu has successfully completed her Internship on "SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF MANGANESE DIOXIDE (MnO₂) BY CHEMICAL PRECIPITATION METHOD" at Centre for Nanoscience and Technology, Anna University, Chennai-600025 during the period from 1.7.2021 to 15.7.2021 through Online mode.

During the internship, we have found her to be dedicated, hardworking individual and her performance was good. She has scored an external mark of 59.

On behalf of our organization, we wish her all the best in her future endeavours and we wish her every success in life.

1 8 NOV 2021

R.SELVARAJA

Teaching Fellow,

Centre for Nanoscience and Technology

A.C.Tech Campus,

Anna University, Chennai-600 025.

HENNAL





CERTIFICATE OF APPRECIATION

PPAAAA

THIS IS TO CERTIFY THAT

GOPIKAVARSHINI.S

of College FATIMA COLLEGE

has successfully completed 15 days internship on <u>"Practical</u> Simulation to IoT" held during 15th June 2021 to 30th June 2021 organized by Kaizen Futuretech, Mumbai.

KAIZEN FUTURETECH

Workshop Organizer

4 at John

Er. Jaya Jotwani Co-Founder

Er. Manoj Kavedia



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2nd Block Koramangala, Bangalore - 560034

Certificate

This is to certify the project entitled, "Detecting planets around stars beyond our solar system: A case study with HD86081", is an authentic and original work done by Ms. P.Gowsika under my supervision online at Indian Institute of Astrophysics as part of her MSc. project. Based on her performance during the project, online interaction and ability to independently learn the tools needed for this project, I am assigning 59 marks out of 60 for the project work.

Date: 22 June 2021 Place: Bangalore

Sivarani

Prof. T.

Indian Institute of Astrophysics Bangalore-34





CERTIFICATE OF APPRECIATION

PPPFAAAA

THIS IS TO CERTIFY THAT

INDU PRIYADARSHINI S

of College______Fatima college

has successfully completed 15 days internship on <u>"Practical</u> <u>Simulation to IoT"</u> held during <u>15th June 2021</u> to <u>30th June 2021</u> organized by Kaizen Futuretech, Mumbai.



Er. Jaya Jotwani
Co-Founder

Er. Manoj Kavedia



CENTRE FOR NANOSCIENCE AND TECHNOLOGY ANNA UNIVERSITY, CHENNAI-600 025, INDIA

Tel: +91-44-2235 9205

+91-44-2230 9113

E-mail: rrselvarajan@gmail.com

Mr. R. SELVARAJAN Teaching Fellow

> Chennai 600 025

Date: 18.11.2021

BONAFIDE CERTIFICATE

This is to certify that Ms.KARUNYA. L – 2020MSCP13, II-MSc Physics student from Research Centre of Physics, Fatima college (Autonomous), Affiliated to Madurai Kamaraj University, Madurai, Tamilnadu has successfully completed her Internship on "SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF MANGANESE DIOXIDE (MnO₂) BY CHEMICAL PRECIPITATION METHOD" at Centre for Nanoscience and Technology, Anna University, Chennai-600025 during the period from 1.7.2021 to 15.7.2021 through Online mode.

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R.SELVARAJAN

Teaching Fellow,

Centre for Nanoscience and Technology

A.C.Tech Campus,

Anna University, Chennai-600 025.



CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

M.MADHUMITHA

FATIMA COLLEGE of College_

has successfully completed 15 days internship on "Practical Simulation to IoT" held during 15th June 2021 to 30th June 2021 organized by Kaizen Futuretech, Mumbai.

FUTURETECH

Workshop Organizer

Er. Jaya Jotwani

Co-Founder

Er. Manoj Kavedia

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Website: www.mrckovai.in

Email: mrckovai@gmail.com

Dr. S. Selvasekarapandian

Director

Date: 07.08.2021

CERTIFICATE

This is to certify that Ms Marshalin Reena C, II M.Sc. Physics [2020MSCP15] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasekarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the Applications of Battery" from 30.06.2021 to 30.07.2021.

> S. Selvasekarapandian Director





CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

E.MUTHULAKSHMI

of College Fatima College

has successfully completed 15 days internship on <u>"Practical</u> <u>Simulation to IoT"</u> held during <u>15th June 2021</u> to <u>30th June 2021</u> organized by Kaizen Futuretech, Mumbai.



Workshop Organizer

oya Johnami

Er. Jaya Jotwani
Co-Founder

Er. Manoj Kavedia



Chennai 600 025

CENTRE FOR NANOSCIENCE AND TECHNOLOGY ANNA UNIVERSITY, CHENNAI-600 025, INDIA

Tel: +91-44-2235 9205

+91-44-2230 9113

E-mail: rrselvarajan@gmail.com

Mr. R. SELVARAJAN Teaching Fellow

Date: 18.11.2021

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R.SELVARAJAN

Teaching Fellow

Centre for Nanoscience and Technology

A.C.Tech Campus,

Anna University, Chennai-600 025.

CHENNA

600 025



CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

C.Richa Dharani

of College_____Fatima College

has successfully completed 15 days internship on <u>"Practical</u> <u>Simulation to IoT"</u> held during <u>15th June 2021</u> to <u>30th June 2021</u> organized by Kaizen Futuretech, Mumbai.

KAIZEN FUTURETECH

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Er. Jaya Jotwani

Co-Founder

Er. Manoj Kavedia

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(Regd: 60/Bk IV)

Cell: +91 94437 03089

Website: www.mrckovai.in

Email: mrckovai@gmail.com

Dr. S. Selvasekarapandian Director

Date : 07.08.2021

CERTIFICATE

This is to certify that Ms Roshini J, II M.Sc. Physics [2020MSCP19] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasckarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the Applications of Battery" from 30.06.2021 to 30.07.2021.

S. Selvalekarapandian S. Selvasekarapandian Director



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Date: 22 June 2021 Place: Bangalore

> Prof. T. Sivarani Indian Institute of Astrophysics Bangalore-34

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Website: www.mrckovai.in

Email: mrckovai@gmail.com

Dr. S. Selvasekarapandian Director

Date : _____07.08.2021

CERTIFICATE

This is to certify that Ms Shrinidhy M, II M.Sc. Physics [2020MSCP22] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasekarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the Applications of Battery" from 30.06.2021 to 30.07.2021.

S. Selvasekarapandian

Director



CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

SUBHAKARTHIKA. M. R

of College______Fatima college, Madurai

has successfully completed 15 days internship on <u>"Practical</u> <u>Simulation to IoT"</u> held during <u>15th June 2021</u> to <u>30th June 2021</u> organized by Kaizen Futuretech, Mumbai.

KAIZEN FUTURETECH

Workshop Organizer

4 or Johnson

Er. Jaya Jotwani
Co-Founder

Er. Manoj Kavedia





THIS IS TO CERTIFY THAT

Ms.P.Suryakala

of College The Fatima College Madurai

has successfully completed 15 days internship on "Practical Simulation to IoT" held during 15th June 2021 to 30th June 2021 organized by Kaizen Futuretech, Mumbai.

KAIZEN FUTURETECH

Workshop Organizer

4 - Strain

Er. Jaya Jotwani Co-Founder Er. Manoj Kavedia

Certificate No: KFT- 06-2021-030



CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Maria suji M

of College_____Fathima college madurai

has successfully completed 15 days internship on <u>"Practical Simulation to IoT"</u> held during <u>15th June 2021</u> to <u>30th June 2021</u> organized by Kaizen Futuretech, Mumbai.



Er. Jaya Jotwani Co-Founder

Resource Person & Founder

Er. Manoj Kavedia

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Website: www.mrckovai.in

Email: mrckovai@gmail.com

Dr. S. Selvasekarapandian Director

Date : ____07.08.2021

CERTIFICATE

This is to certify that Ms Sonalee S M, II M.Sc. Physics [2020MSCP27] Student from Research Centre of Physics, Fatima College has successfully completed her internship, under the mentorship of Prof. Dr. S. Selvasekarapandian, Emeritus Professor, Bharathiar University, & Director Materials Research Center, Coimbatore. She worked in Materials Research Center, MADURAI BRANCH on the title "Theoretical and Experimental Study based on the **Applications of Battery"** from 30.06.2021 to 30.07.2021.

> S. Selvasekarapandian Director