

FUNDAMENTAL OF POWER SOLUTIONS AND MAINTENANCE
INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to **BHARATHIAR UNIVERSITY,Coimbatore**

In partial fulfillment of the requirements for the Award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

AJAY C S (201PH001)

Under the guidance of

Dr.A ANU KALIANI MSc.,M.Phil.,Ph.D.

Associate Professor and Head



DEPARTMENT OF PHYSICS
KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
COLLEGE OF EXCELLENCE(UGC) RE-ACCREDITED BY NAAC
WITH 'A' GRADE(4TH Cycle)
31st RANK AMONG COLLEGES IN NIRF 2022
Coimbatore-641029,Tamil nadu,India
OCTOBER-2022

ACOUSTICS AND NOISE CRITERIA
INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMOUS)

Affiliated to **BHARATHIAR UNIVERSITY**, Coimbatore

In partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC) RE-ACCREDITED BY NAAC
WITH 'A+' GRADE (4th Cycle)

31ST RANK AMONG COLLEGES IN NIRF 2022

Coimbatore.641029, Tamilnadu, India.

OCTOBER-2022

INTERNSHIP REPORT

ON

FUNDAMENTAL OF POWER SOLUTIONS AND MAINTAINCE

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMUS)

Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial
fulfillment of the requirements for the Award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

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(ASSISTANT PROFESSOR)



DEPARTMENT OF PHYSICS

(DBT STAR DEPARTMENT)

**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMUS)**

NIRF 31st RANK 2022

RE-ACCREDITED WITH 'A+' GRADE BY NAAC(4th CYCLE)

COLLEGE OF EXCELLENCE(UGC)

Coimbatore-641029,Tamil nadu,India

JUNE-2022

INTERNSHIP REPORT

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of the requirements for the Award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

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DEPARTMENT OF PHYSICS

DBT STAR DEPARTMENT

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

31st RANK AMONG COLLEGES IN NIRF 2022

RE-ACCREDITED WITH 'A+' GRADE BY NAAC (4th CYCLE)

COLLEGE OF EXCELLENCE (UGC)

COIMBATORE-641029,

AUGUST - 2022

INTERNSHIP REPORT

Submitted to KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMUS),
Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of the
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BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMUS)

RE-ACCREDITED WITH 'A+' GRADE BY NAAC
31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641029

MAY-2022

INTERNSHIP REPORT

On

INDUSTRIAL COOLERS.

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY**, Coimbatore.

In partner fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

COIMBATORE – 641 029

INTERNSHIP REPORT

On

EFFICIENT INDUSTRIAL COOLERS.

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partner fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE – 641 029

ACOUSTICS AND NOISE CRITERIA

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMOUS)

Affiliated to **BHARATHIAR UNIVERSITY**, Coimbatore

In partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC) RE-ACCREDITED BY NAAC
WITH 'A+' GRADE (4th Cycle)

31ST RANK AMONG COLLEGES IN NIRF 2022

Coimbatore.641029, Tamilnadu, India.

OCTOBER-2022

INTERNSHIP TRAINING REPORT

Submitted to Kongunadu Arts and Science College (Autonomous) affiliated to
Bharathiar University Coimbatore in Partial fulfilment of the

Requirement for the Award of.

DEGREE OF BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)**

[RE-ACCREDITED BY NAAC 'A+' GRADE (4th Cycle)]

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641029

OCTOBER-2022

INTERNSHIP REPORT

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMUS)

Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of
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BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMUS)**

RE-ACCREDITED WITH 'A+' GRADE BY NAAC

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641029

OCTOBER-2022

INTERNSHIP TRAINING REPORT

Submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar
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Award of

DEGREE OF BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

[RE-ACCREDITED BY NAAC 'A+' GRADE (4th Cycle)]

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641029

INTERNSHIP REPORT

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMUS)

Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial
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BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMUS)

RE-ACCREDITED WITH 'A+' GRADE BY NAAC

COIMBATORE-641029

MAY-2022

INTERNSHIP REPORT

on

INDUSTRIAL COOLERS.

**INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),**

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partner fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st Rank among colleges in NIRF 2022

COIMBATORE-641029

INTERNSHIP REPORT

On

CNC MACHINE WORKING

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

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DEPARTMENT OF PHYSICS

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS) COLLEGE
OF EXCELLENCE (UGC)**

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31ST RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

INTERNSHIP REPORT

On
PNEUMATIC CYLINDER

INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A⁺' GRADE (4th Cycle)

31ST RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

INTERNSHIP REPORT

On

CNC MACHINE WORKING

**INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),**

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

**INTERNSHIP REPORT
ON
ACOUSTIC**

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of
the requirements for the Award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)
[RE-ACCREDITED BY NAAC 'A+' GRADE (4th Cycle)]
COIMBATORE-641029
3rd RANK AMONG COLLEGES IN NIRF 2022

october
2022

INTERNSHIP REPORT

on

PNEUMATIC STANDARD CYLINDER

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A⁺' GRADE (4th Cycle)

31ST RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

OCTOBER 2022

INTERNSHIP REPORT
on
CNC MACHINE WORKING
INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY**, Coimbatore.

In partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A⁺' GRADE (4th Cycle)

31ST RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

OCTOBER 2022

INTERNSHIP REPORT ON MOTOR AND PUMP INDUSTRY

Under DBT Star College Scheme

Submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University, Coimbatore in partial fulfilment of the Requirement for the

Award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH ' A+' GRADE (6th Cycle)

INTERNSHIP REPORT

ON

AIR CONDITIONING SYSTEM

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of

the requirements for the Award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

[RE-ACCREDITED BY NAAC 'A+' GRADE (4th Cycle)]

COIMBATORE-641029

JUNE-2022

INTERSHIP TRAINING REPORT WIND TURBINES

**Submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar
University Coimbatore in Partial fulfillments of the Requirement for the**

Award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

**Submitted by
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DEPARTMENT OF PHYSICS

**KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMUS) RE-
ACCREDITED WITH 'A+' GRADE BY NAAC(4th CYCLE)**

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641029

OCTOBER 2022

INTERNSHIP REPORT
On
MANUFACTURING OF PUMPS AND WORKING
INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

SOLAR PLANT INSTALLATION AND IT'S APPLICATION

Internship report submitted to Kongunadu Arts and Science College (Autonomous)
affiliated to Bharathiar University, Coimbatore
in partial fulfillment of the requirement for the Award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

OCTOBER- 2022

INTERNSHIP REPORT ON SOLAR ENERGY

UNDER DPT STAR COLLEGE SCHEME

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to BHARATHIAR UNIVERSITY, Coimbatore

In partial fulfilment of the requirements for the award of the degree

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE BY NAAC

31ST RANK AMONG COLLEGES IN NRF 2022

COIMBATORE-641 029

INTERNSHIP REPORT

Submitted in KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMUS)
Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of
The requirements for the Award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMUS)

RE-ACCREDITED WITH 'A+' GRADE BY NAAC

COIMBATORE-641029

SEPTEMBER-2022

INTERNSHIP REPORT

On

CNC MACHINE WORKING.

INTERNSHIP REPORT SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS) COLLEGE

OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE 641 029

SOLAR PLANT INSTALLATION AND ITS APPLICATION

Internship report submitted to Kongunadu Arts and Science College (Autonomous)
affiliated to Bharathiar University, Coimbatore
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BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641 029

OCTOBER- 2022

INTERNSHIP REPORT
On
CNC MACHINE WORKING
INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**
In partial fulfilment of the requirements for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)
RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)
31st RANK AMONG COLLEGES IN NIRF 2022
COIMBATORE-641 029
OCTOBER - 2022

ACOUSTIC STIMULATION OF A CONFERENCE HALL

Internship report submitted to

Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar

University, Coimbatore in partial fulfillment of the requirement for the Award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

31st RANK AMONG COLLEGE IN NRF 2022

COIMBATORE-641 029

OCTOBER-2022

SYNTHESIS OF FeCo NANOPARTICLES

PROJECT REPORT

**Submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar
University Coimbatore in Partial fulfillments of the Requirement for the**

Award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

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DEPARTMENT OF PHYSICS
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COLLEGE OF EXCELLENCE (UGC)

[RE-ACCREDITED BY NAAC 'A+' GRADE (4th Cycle)]

COIMBATORE-641029

31st RANK AMONG COLLEGES IN NIRF 2022

OCTOBER-2022

INTERNSHIP REPORT

On

INDUSTRIAL COOLERS.

INTERNSHIP REPORT SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),

Affiliated to **BHARATHIAR UNIVERSITY, Coimbatore.**

In partner fulfilment of the requirements for the award of the degree of

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DEPARTMENT OF PHYSICS

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COLLEGE OF EXCELLENCE (UGC)

RE-ACCREDITED BY NAAC WITH 'A+' GRADE (4th Cycle)

COIMBATORE – 641 029

**INTERNSHIP REPORT on EMBEDDED SYSTEM
UNDER DBT STAR COLLEGE SCHEME**

Submitted to KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Affiliated to BHARATHIAR UNIVERSITY COIMBATORE in partial fulfillment of
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DEPARTMENT OF PHYSICS

**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

RE-ACCREDITED WITH 'A+' GRADE BY NAAC (4th CYCLE)

31st RANK AMONG COLLEGES IN NIRF 2022

COIMBATORE-641029

OCTOBER-2022