Chikkanna Government Arts College, Tirupur -641 602

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

All the teachers of the institution are well trained on teaching methodologies and learner-centric training methods. Teachers of the college effectively use the following student-centric methodologies regularly in delivering the curriculum:

- 1. Practical Classes
- 2. Laboratory Exercises
- 3. Case Studies
- 4. Group Discussions
- 5. Field visits and Training
- 6. Industrial Training
- 7. Projects
- 8. Assignments

Some of the above methods are mandatory for effective delivery of the curriculum and students are also assessed on their participative performance on these learning methods.

- Students are given projects and internships, for which they may have to visit relevant field/area and get experience from which they may get experienced learning.
- Students are divided in to groups for their lab experiments / viva-voce/ groupstudies and participating in conferences and seminar from which they will get exposed to participative learning.
- Field visits are in the curriculum and students are encouraged for the visit and they are asked prepare a report based on the visit and it is evaluated.
- Group discussion and students seminars are conducted periodically
- Students are given problems of day-today matter such as pollution studies/water analysis/preparing hand wash, lotion etc.,/ modeling of dress materials/ computer hardware servicing /software coding/internal auditing etc.,
- Students are given assignments periodically and assessed and marks are given.
- Case studies are also given to the students as an assignment by which marks are awarded.
- Students are given projects in the final year and evaluated.
- Laboratory Exercises are mandatory for students for getting their CGPA.
- Every week students have to undergo certain practical classes which will assessed by the concerned teacher.

Field Visits































Date : Date: 25.01.2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.S.AJAY (Reg.no: 2022T0001) who is studying in B.SC, COSTUME DESIGN AND FASHION (2020-2023) at CHIKKANNA GOVERNMENT ARTS COLLEGE, Tirupur-2, has undergone Internship Training Program in GARMENT PRODUCTION UNIT from 28.12.2021 to 11.01.2022 (15 Days) in our company

During training period his conduct and character was very good

OF SRI VARSHINI KNIT FASHIO rtne

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No. 173/A, Rajeev Gandhi Nagar, Athupalayam Road, Annupparpalayam, Tirupur-641 652. Ph: 91 421-2476829 E-mail : knitvelexports@gmail.com / mail@knitvel.com Website: www.knitvel.com GST NO 33ASCPS6691M1Z3

Date: 13/01/2022

TO WHOM SO EVER IT MAY CONCERN

THIS IS TO CERTIFY THAT MR..S.DEEPAK (REG.NO 2022T0009) WHO IS STUDYING IS B.SC.,COSTUME DESIGN AND FASHION (2020 – 2023) CHIKKANNA GOVERNMENT ARTS COLLEGE. TIRUPUR – 2 HAS UNDERGONE INTERSHIP TRAINING PROGRAM IN GARMENT PRODUCTION UNIT FROM 30.12.2021 TO 13.01.2022. (15DAYS) IN OUR COMPANY. DURING THIS PERIOD HIS CONDUCT AND CHARACTER WAS VERY GOOD.

EXPORTS Signatory

DESIGN AND NUMERICAL ANALYSIS OF HIGHLY SENSITIVE Ag, Ni AND THIOL BASED HYBRID SURFACE PLASMON RESONANCE BIOSENSOR

PROJECT REPORT

Submitted to **Bharathiar University, Coimbatore.** In partial fulfilment of the requirements for the award of the degree of

MASTER OF SCIENCE IN PHYSICS

Submitted by,

AKILA C

(REG NO:2032C0001)



Under the Guidance of

Dr. WILLIAM CHARLESS M.Sc., M.Phil., Ph. d

Assistant Professor

DEPARTMENT OF PHYSICS

CHIKKANNA GOVERNMENT ARTS COLLEGE

TIRUPPUR- 641 602.

MAY-2022

CERTIFICATE

This is to certify that the project report entitled "DESIGN AND NUMERICAL ANALYSIS OF HIGHLY SENSITIVE Ag, Ni AND THIOL BASED HYBRID SURFACE PLASMON RESONANCE BIOSENSOR" was submitted to Bharathiar University, Coimbatore in partial fulfilment of the requirements for the award of the degree of a A Master of Science in Physics is a record of original project work done by AKILA C (Reg.No.2032C0001) during the period (2021-2022)of study in the Department of Physics, Chikkanna Government Arts College, Tirupur, under my supervision and guidance, and the project has not formed the basis for the award of any Degree/Diploma or another similar title to any candidate of any College or any university.

S. hen chis **Project Guide**

Department of Physics Chikkanna Government Arts College, TIRUPPUR - 641 602.

Head of the Department Y Department of Phys Chikkanna Government Arts College, TIRUPPUR - 641 602.

Submitted for viva -voce examination held on 30.05 2022.

Smooron

Internal Examiner Examiner















