

This is to certify that project report entitled "COMPARITIVE STUDY ON WATER PURITY OF DIFFERENT SAMPLES" was carried out by the AISHA SHAJI P (REG NO.CRARSAP001) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled "A COMPARITIVE STUDY ON THE CLEANSING POWER OF VARIOUS DETERGENT SOLUTIONS" was carried out by the AISWARYA M.A(REG NO.CRARSAP002) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "IMPORTANCE OF SURFACE TENSION IN MEDICATION" was carried out by the AISWARYA PD (REG NO.CRARSAP003) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THERMAL CONDUCTIVITY OF MATERIALS USED FOR BUILDING PURPOSE USING LEE'S DISC METHOD" was carried out by the AMRUTHA A NAIR (REG NO.CRARSAP004) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Date MALA- 680 732

Head of the Department



This is to certify that project report entitled "TO STUDY THE ABSORPTION SPECTRA OF POTASSIUM PERMANGANATE SOLUTION AND ITS DEPENDENCE ON THE TEMPERATURE" was carried out by the AMRUTHA M S (REG NO.CRARSAP005) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Date MALA- 680 732

Head of the Department



This is to certify that project report entitled "TO STUDY THE ABSORPTION SPECTRA OF POTASSIUM PERMANGANATE SOLUTION AND ITS DEPENDENCE ON THE TEMPERATURE" was carried out by the ANAGHA AJAYAN (REG NO.CRARSAP006) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

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Head of the Department

GREATEL FRANCIS PAREMEL

ASST. PROFESSOR

DEPT. OF PHYSICS

CARMEL COLLEGE, MALA



This is to certify that project report entitled "DEPENDENCE OF TEMPERATURE ON V-I CHARACTERISTICS OF SEMICONDUCTOR DIODES" was carried out by the ANJALI KRISHNA (REG NO.CRARSAP007) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THE VARIATION OF REFRACTIVE INDEX AND POLARISABILITY OF SOLUTIONS WITH CONCENTRATION" was carried out by the ANJALI P S (REG NO.CRARSAP008) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Date......*

Head of the Department



This is to certify that project report entitled "COMPARITIVE STUDY ON WATER PURITY OF DIFFERENT SAMPLES" was carried out by the ANJANA JOHNSON (REG NO.CRARSAP009) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled" A COMPARITIVE STUDY ON THE CLEANSING POWER OF VARIOUS DETERGENT SOLUTIONS "was carried out by the BESTY BABY NALUKANDAN (REG NO.CRARSAP010) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department
GREATEL FRANCIS PAREMEL
ASST. PROFESSOR
DEPT. OF PHYSICS
CARMEL COLLEGE, MALA



This is to certify that project report entitled "COMPARITIVE STUDY ON WATER PURITY OF DIFFERENT SAMPLES" was carried out by the DEVI LAL (REG NO.CRARSAP011) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala



Head of the Department



This is to certify that project report entitled "DEPENDENCE OF TEMPERATURE ON V-I CHARACTERISTICS OF SEMICONDUCTOR DIODES" was carried out by the GAYATHRI K.S (REG NO.CRARSAP013) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "TO STUDY THE ABSORPTION SPECTRA OF POTASSIUM PERMANGANATE SOLUTION AND ITS DEPENDENCE ON THE TEMPERATURE" was carried out by the GOPIKA M J (REG NO.CRARSAP014) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled" A COMPARITIVE STUDY ON THE CLEANSING POWER OF VARIOUS DETERGENT SOLUTIONS "was carried out by the HAMDA MEHNAS K.S (REG NO.CRARSAP015) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THERMAL CONDUCTIVITY OF MATERIALS USED FOR BUILDING PURPOSE USING LEE'S DISC METHOD" was carried out by the MEGHA P M (REG NO.CRARSAP016) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled "DEPENDENCE OF TEMPERATURE ON V-I CHARACTERISTICS OF SEMICONDUCTOR DIODES" was carried out by the NANDHANA K.S (REG NO.CRARSAP017) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "IMPORTANCE OF SURFACE TENSION IN MEDICATION" was carried out by the NANDHANA SHABU (REG NO.CRARSAP018) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "DEPENDENCE OF TEMPERATURE ON V-I CHARACTERISTICS OF SEMICONDUCTOR DIODES" was carried out by the RESHMA C MENON (REG NO.CRARSAP019) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala



Head of the Department



This is to certify that project report entitled "STUDY ON THERMAL CONDUCTIVITY OF MATERIALS USED FOR BUILDING PURPOSE USING LEE'S DISC METHOD" was carried out by the THANSEELA A A (REG NO.CRARSAP020) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled" A COMPARITIVE STUDY ON THE CLEANSING POWER OF VARIOUS DETERGENT SOLUTIONS "was carried out by the VINCY BABU (REG NO.CRARSAP021) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THERMAL CONDUCTIVITY OF MATERIALS USED FOR BUILDING PURPOSE USING LEE'S DISC METHOD" was carried out by the ARCHA BIBIN (REG NO.CRARSAP022) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THE VARIATION OF REFRACTIVE INDEX AND POLARISABILITY OF SOLUTIONS WITH CONCENTRATION" was carried out by the ASWATHI SIVARAJ (REG NO.CRARSAP023) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Date......

Head of the Department



This is to certify that project report entitled "COMPARITIVE STUDY ON WATER PURITY OF DIFFERENT SAMPLES" was carried out by the ATHIRA N.A (REG NO.CRARSAP024) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled "IMPORTANCE OF SURFACE TENSION IN MEDICATION" was carried out by the ATHIRA P (REG NO.CRARSAP025) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "IMPORTANCE OF SURFACE TENSION IN MEDICATION" was carried out by the ATHIRA RAJAN (REG NO.CRARSAP026) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Date MALA- 680 132

Head of the Department



This is to certify that project report entitled "STUDY ON THE VARIATION OF REFRACTIVE INDEX AND POLARISABILITY OF SOLUTIONS WITH CONCENTRATION" was carried out by the GREESHMA K.S (REG NO.CRARSAP028) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Date Date TALA- 680 132

Head of the Department



This is to certify that project report entitled "DEPENDENCE OF TEMPERATURE ON V-I CHARACTERISTICS OF SEMICONDUCTOR DIODES" was carried out by the GYABY SHAJU (REG NO.CRARSAP029) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THERMAL CONDUCTIVITY OF MATERIALS USED FOR BUILDING PURPOSE USING LEE'S DISC METHOD" was carried out by the LAKSHMI P B (REG NO.CRARSAP030) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Date Date TALA- 680 732

Head of the Department



This is to certify that project report entitled "TO STUDY THE ABSORPTION SPECTRA OF POTASSIUM PERMANGANATE SOLUTION AND ITS DEPENDENCE ON THE TEMPERATURE" was carried out by the RAMEESA M T (REG NO.CRARSAP033) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Date MALA- 680 132

Head of the Department



This is to certify that project report entitled "TO STUDY THE ABSORPTION SPECTRA OF POTASSIUM PERMANGANATE SOLUTION AND ITS DEPENDENCE ON THE TEMPERATURE" was carried out by the SALINI K S (REG NO.CRARSAP034) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled" A COMPARITIVE STUDY ON THE CLEANSING POWER OF VARIOUS DETERGENT SOLUTIONS "was carried out by the SOJA K.S (REG NO.CRARSAP035) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of physics Carmel college, Mala

Head of the Department



This is to certify that project report entitled "STUDY ON THE VARIATION OF REFRACTIVE INDEX AND POLARISABILITY OF SOLUTIONS WITH CONCENTRATION" was carried out by the VINDYA N.S (REG NO.CRARSAP036) Sixth semester students of B.Sc Applied Physics in partial fulfillment of requirement for the award in the Applied Physics during the year 2019-2020 under the guidance of department of Physics Carmel College, Mala

Date MALA-680 732

Head of the Department