

**BIOCHEMICAL AND MOLECULAR ANALYSIS OF IGF-1 GENE IN
HYPERINSULINEMIA PATIENTS FOR THE RISK OF PCOS**

DISSERTATION

SUBMITTED TO

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

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE**

DEGREE OF

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

S Bhuvaneshwari

(Reg. no: 182BT001)

Under the guidance of

Dr. P. SENTHIL KUMAR M.Sc., PhD (SET)

Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY

KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTOPHARMACOLOGY & NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
D. Guruprasath
(Reg. no:182BT002)

Under the guidance of
Dr. R. AMSAVENI M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
G Ayshwarya
(Reg. no:182BT003)
Under the guidance of
Dr. R. AMSAVENI M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

**ANTIBACTERIAL AND ANTIOXIDANT EFFECTS OF *FOENICULUM
VULGARE***

SILVER NANOPARTICLES

DISSERTATION

SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE DEGREE OF

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

G Tamilarasi

(Reg. no:182BT004)

Under the guidance of

Dr. V. BHUVANESHWARI MSc., M.Phil., PGDBI., Ph.d ., PGDNBT (SET)

Assistant professor



**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
T Ravi Vignesh
(Reg. no:182BT005)
Under the guidance of
Dr. P. SENTHIL KUMAR M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

**APPLICATION OF DNA TECHNOLOGY IN WILDLIFE FORENSIC
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**D Karthik Kumar
(Reg. no:182BT006)**

Under the guidance of

**Dr. V. BHUVANESHWARI MSc., M.Phil., PGDBI., Ph.d ., PGDNBT (SET)
Assistant professor**



**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
M Suryaa
(Reg. no:182BT007)
Under the guidance of
Dr. P. SENTHIL KUMAR M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
J Abraham
(Reg. no:182BT008)
Under the guidance of
Dr. P. SENTHIL KUMAR M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
S Mohoram
(Reg. no:182BT009)
Under the guidance of
Dr. P. SENTHIL KUMAR M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
Freeda Oommen
(Reg. no:182BT010)
Under the guidance of
Dr. M. GOGUL RAMNATH M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

BASIC TECHNIQUES IN NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
S S Anasuya
(Reg. no:182BT011)
Under the guidance of
Dr. M. GOGUL RAMNATH M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
M Sridhar
(Reg. no:182BT012)

Under the guidance of
Dr. M. GOGUL RAMNATH M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
K Nivetha
(Reg. no:182BT013)

Under the guidance of
Dr. R. AMSAVENI M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
D B Nandhini
(Reg. no:182BT014)

Under the guidance of
Dr. M. GOGUL RAMNATH M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
C Nandhana
(Reg. no:182BT016)

Under the guidance of
Dr. M. GOGUL RAMNATH M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
Y Hariharan
(Reg. no:182BT017)

Under the guidance of
Dr. B. VISHNU PRIYA M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
Christeena Mathew
(Reg. no: 182BT018)

Under the guidance of
Dr. B. VISHNU PRIYA M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence (UGC)

Coimbatore – 641029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
D. Priyabharathi
(Reg. no: 182BT019)

Under the guidance of
Dr. B. VISHNU PRIYA M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence (UGC)

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY AND NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
R Kalaiselvi
(Reg. no: 182BT020)

Under the guidance of
Dr. R. AMSAVENI M.Sc., PhD (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India

CLINICAL LABORATORY PROCEDURES
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
S Ashwin
(Reg. no: 182BT021)

Under the guidance of
Dr. B. VISHNU PRIYA M.Sc., PhD
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India

BASIC TECHNIQUES IN NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
P Durga
(Reg. no:182BT022)
Under the guidance of
Dr. V. BHUVANESHWARI MSc., M.Phil., PGDBI., Ph.d ., PGDNBT (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
L S Niranjana
(Reg. no:182BT023)
Under the guidance of
Dr. G. ANBARASI M.Sc., M.Phil., PhD., PGDBI
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

**SDS PAGE, WESTERN BLOTTING, REAL TIME PCR, GENE
CLONING, EXPRESSION AND PURIFICATION**

DISSERTATION

SUBMITTED TO

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

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE**

DEGREE OF

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

C Aravinth

(Reg. no:182BT024)

Under the guidance of

Dr. R. AMSAVENI M.Sc., PhD (SET)

Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
S Priya
(Reg. no:182BT025)

Under the guidance of
Dr. G. ANBARASI M.Sc., M.Phil., PhD., PGDBI
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
A Janani
(Reg. no:182BT026)
Under the guidance of
Dr. G. ANBARASI M.Sc., M.Phil., PhD., PGDBI
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
S Tharani
(Reg. no:182BT027)
Under the guidance of
Dr. G. ANBARASI M.Sc., M.Phil., PhD., PGDBI
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

**ANTIBACTERIAL AND ANTIOXIDANT EFFECTS OF TINOSPORA
CORDIFOLIA SILVER NANOPARTICLES**

DISSERTATION

SUBMITTED TO

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

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE**

DEGREE OF

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

S Niedha

(Reg. no:182BT028)

Under the guidance of

Dr. V. BHUVANESHWARI MSc., M.Phil., PGDBI., Ph.d ., PGDNBT (SET)

Assistant professor



**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)

College of Excellence - UGC

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY & NANOTECHNOLOGY
DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY
Submitted by
N Sengavalli
(Reg. no:182BT029)
Under the guidance of
Dr. R. RANJITH KUMAR MSc., Ph.D
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with A Grade – 3.64CGPA out of 4 (3rd Cycle)
College of Excellence - UGC
Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY AND NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
A Selva Priya
(Reg. no: 182BT030)

Under the guidance of
Dr. R. RANJITH KUMAR MSc., Ph.D
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India

BASIC TECHNIQUES IN NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
R Preethi
(Reg. no: 182BT031)

Under the guidance of
Dr. V. BHUVANESHWARI MSc., M.Phil., PGDBI., Ph.d ., PGDNBT (SET)
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)

College of Excellence (UGC)

Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY AND NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
M Muthu Venkatesa Perumal
(Reg. no: 182BT032)

Under the guidance of
Dr. R. RANJITH KUMAR MSc., Ph.D
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY AND NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
A Divya
(Reg. no: 182BT033)

Under the guidance of
Dr. R. RANJITH KUMAR MSc., Ph.D
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY AND NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
G Soundarya
(Reg. no: 182BT034)

Under the guidance of
Dr. R. RANJITH KUMAR MSc., Ph.D
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India

PHYTO PHARMACOLOGY AND NANOTECHNOLOGY
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD
OF THE
DEGREE OF
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by
M Chandrasekaran
(Reg. no: 182BT035)

Under the guidance of
Dr. G. ANBARASI M.Sc., M.Phil., PhD., PGDBI
Assistant professor



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-Accredited by NAAC WITH 'A' Grade – 3.64 CGPA out of 4 (3rd cycle)
College of Excellence (UGC)
Coimbatore - 641 029, Tamil Nadu, India