

**CASE STUDY REPORT ON**  
**“Computational predictions of drug-drug interaction**  
**based on the functional similarities of the drug”**

Submitted to  
**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**  
**AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF**  
**REQUIREMENTS FOR THE AWARD OF**  
**THE DEGREE OF**  
**MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by  
**RAMYA.M (Reg. No. 192BT001)**

**II M.Sc., Biotechnology**

Under the Guidance of  
**Dr. S.R. Madhan Shankar., M.Sc., Ph.D.,**  
Associate Professor and Head



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)  
Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON  
**“Diagnostic of system and oral disease  
on salivary biomolecules”**

Submitted to  
**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by  
**JAGADESHWARI S (Reg. No. 192BT002)**

**II M.Sc., Biotechnology**

Under the Guidance of  
**Dr. R. Ranjith Kumar., M.Sc., Ph.D.,**  
Assistant Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Studies on phytochemical components, bioavailability, mode of action  
and medicinal properties of kabasura kudineer chooranam”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**ROSHINI S (Reg. No. 192BT003)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Amsaveni., M.Sc., Ph.D.,**  
Assistant Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**Assessment of waste water treatment in selected plants of  
coimbatore city**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**SAMBUGAN S (Reg. No. 192BT004)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. S.R. Madhan Shankar., M.Sc., Ph.D.,**  
Associate Professor and Head



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

# Effects of textiles on surgical healing and tissue regeneration

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**KAVITHA S (Reg. No. 192BT005)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. V. Bhuvaneshwari., M.Sc., Ph.D.,**  
Associate Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**Food Biotechnology regulations in India with special reference to food processing unit**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**PRATHIBA P NAIR (Reg. No. 192BT006)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. G. Anbarasi., M.Sc., Ph.D.,**  
Assistant Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**Nano and bio agents for management of plant parasitic nematodes  
prospects and opportunities**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**SRI VINITH KUMAR R (Reg. No. 192BT007)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Ranjith Kumar., M.Sc., Ph.D.,**  
Assistant Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**Nilavembu kudineer-its phytochemicals, bioavailability, mode of action and medicinal importance**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**VIMALSEKAR D (Reg. No. 192BT008)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Amsaveni., M.Sc., Ph.D.,**  
Assistant Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**



CASE STUDY REPORT ON

**Development of suitable vaccine strain for the production of pure, potent,  
safe and efficacious for Covid19**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**DEEPAKKUMAR V (Reg. No. 192BT009)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. V. Bhuvaneshwari., M.Sc., Ph.D.,**  
Associate Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

## **Biotechnology approaches on medical waste management**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**VINOTHKUMAR C (Reg. No. 192BT010)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. G. Anbarasi., M.Sc., Ph.D.,**  
Assistant Professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**Protein markers on SARS-COV virus and its relationship to human epithelial proteins**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**SRIDEVI G (Reg. No. 192BT011)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. S.R. Madhan Shankar., M.Sc., Ph.D.,**  
Associate professor and Head



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**Oral fluid based biosensor and nanobiosensor for rapid and noninvasive  
diagnosis**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**MANISHA M (Reg. No. 192BT012)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Ranjith Kumar., M.Sc., Ph.D.,**

Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

“Biomarkers used in Bioline laboratories”

Submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY

IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

DEEPTHI ASHOK (Reg. No. 192BT013)

II M.Sc., Biotechnology

Under the Guidance of

Dr. P. Senthil Kumar., M.Sc., Ph.D.,

Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

OCTOBER- 2020

CASE STUDY REPORT ON

**“Micropropagation of Hemp (*Cannabis sativa*) for paper and pulp industry”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**SARANYA K (Reg. No. 192BT014)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Amsaveni., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Effects of water hardness and tedious on water sanitization (chlorination)”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**MONIKA S (Reg. No. 192BT015)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. M. Gogul Ramnath., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Alternative systems for storing cell line for vaccine production”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**GAYATHIRI R (Reg. No. 192BT016)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. V. Bhuvaneshwari., M.Sc., Ph.D.,**  
Associate professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**



CASE STUDY REPORT ON

**“Food safety standards in academic residential institutions”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**VIDHYA BHARATHI M (Reg. No. 192BT017)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. G. Anbarasi., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Leading technology initiatives to reduce food waste”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**RAGUL N (Reg. No. 192BT018)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. P. Senthil Kumar., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Designing of less sophisticated and affordable machine in  
kitchen waste management”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**FLORENCI A (Reg. No. 192BT019)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. B. Vishnu Priya., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Successful public private partnership that led to commercialization of botanical biopesticide products (globally)”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**KRITTIKA D (Reg. No. 192BT020)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. M. Gogul Ramnath., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Good security during and post COVID-19”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**YASWANT G (Reg. No. 192BT021)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. P. Senthil Kumar., M.Sc., Ph.D.,**

Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Expression profile of human epithelial cells and its interaction  
with SARS-COV viral proteins”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**ANISH PRASANNA E (Reg. No. 192BT022)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. S.R. Madhan Shankar., M.Sc., Ph.D.,**  
Associate professor and Head



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Successful public private partnership that led to commercialization of microbial biopesticide products (globally)”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**JAYASURYA M (Reg. No. 192BT023)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. M. Gogul Ramnath., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Comment on the steps taken by the Govt of India in ensuring that safety monitoring of drugs in India?”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**GANESH S (Reg. No. 192BT024)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. B. Vishnu Priya., M.Sc., Ph.D.,**

Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**



CASE STUDY REPORT ON

**“Commercialization of microbial secondary metabolites based  
biopesticide products (globally)”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**JANAKAN M (Reg. No. 192BT025)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. M. Gogul Ramnath., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Comment on how the World Health Organization monitors the safety of vaccines across the globe?”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**FELIX DANİYAL R (Reg. No. 192BT026)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. B. Vishnu Priya., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Effects of chlorination on water probiotics”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**ELAKIYA S (Reg. No. 192BT027)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. M. Gogul Ramnath., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“PPE and facemask characterization in India”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**RAJESHWARI N (Reg. No. 192BT028)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. V. Bhuvaneshwari., M.Sc., Ph.D.,**

Associate professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Tissue culture propagated common bamboos for paper and pulp industry”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**MENAKA M (Reg. No. 192BT029)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Amsaveni., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Spatial and temporal issues in water management of coimbatore”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**KOWSHIK D (Reg. No. 192BT030)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. S.R. Madhan Shankar., M.Sc., Ph.D.,**  
Associate professor and Head



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Role of biofertilizers and biopesticides in agriculture development and development of novel nanobioformulation for sustainable agriculture”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**JAGADESH R (Reg. No. 192BT031)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. R. Ranjith Kumar., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Biosafety and standard operating protocols (SOPs) followed in Bioline laboratories”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**RAM KUMAR A (Reg. No. 192BT032)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. P. Senthil Kumar., M.Sc., Ph.D.,**

Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**



**CASE STUDY REPORT ON**

**“Clean and green technology for improving white pepper production”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**ABISHEK V (Reg. No. 192BT034)**

**II M.Sc., Biotechnology**

Under the Guidance of

**D Dr. B. Vishnu Priya., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

**CASE STUDY REPORT ON**

**“Food safety regulations with reference to imported foods”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**KARTHIKA P (Reg. No. 192BT035)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. B. Vishnu Priya., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**

CASE STUDY REPORT ON

**“Activated nanocarbon source on solid waste management”**

Submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
AFFILIATED TO BHARATHIAR UNIVERSITY**

**IN PARTIAL FULFILLMENT OF  
REQUIREMENTS FOR THE AWARD OF  
THE DEGREE OF  
MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**RAKSHITH M (Reg. No. 192BT036)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Dr. G. Anbarasi., M.Sc., Ph.D.,**  
Assistant professor



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

Re-accredited by NAAC with A<sup>+</sup> Grade (4<sup>th</sup> Cycle) College of Excellence (UGC)

Coimbatore - 641029

**OCTOBER- 2020**