

# **GRAPHENE: A WONDER MATERIAL OF 21<sup>st</sup> CENTUARY**

Project report submitted to the University of Calicut for partial fulfilment of the  
award of the degree of

B. Sc. Program in Chemistry

By

**ADITHYA BABU  
CRASSCH001**

UNDER THE SUPERVISION OF

**Dr. ROSHINI K. T**

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**DEPARTMENT OF CHEMISTRY  
CARMEL COLLEGE, MALA  
THRISSUR, KERALA  
2020-2021**

  
Supervisor



  
Head of the Department

# **“MILK ADULTERATION AND DETECTION- A Review”**

Project report submitted to the University of Calicut  
for the partial fulfilment of the award of the degree of  
B. Sc. Program in Chemistry

By

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By

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By

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By

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**TEMOZOLAMIDE: A REVIEW ON IT'S  
DISCOVERY, STRUCTURE, PROPERTIES AND USES**

Project report submitted to the University of Calicut  
for the partial fulfilment of the award of the degree of  
B. Sc. Program in Chemistry

By

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By

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# PLASTIC DEGRADATION

Project report submitted to the

**University of Calicut**

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**B. Sc. Programme in Chemistry**

By

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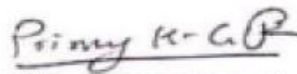
Carmel Collage Mala

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**TEMOZOLAMIDE: A REVIEW ON IT'S  
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Project report submitted to the University of Calicut  
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# PLASTIC DEGRADATION

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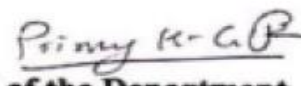
Carmel Collage Mala

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# PLASTIC DEGRADATION

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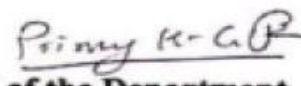
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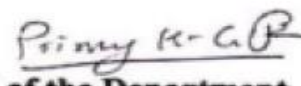
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# PLASTIC DEGRADATION

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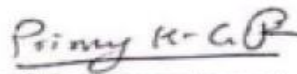
Carmel Collage Mala

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**(PHBV) COPOLYMER - BLISS FOR A  
SUSTAINABLE FUTURE**

Project report submitted to the University of Calicut for partial fulfilment of the  
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By

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# **BIOMEDICAL WASTE MANAGEMENT**

Project report submitted to the

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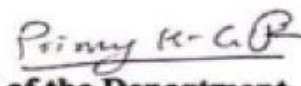
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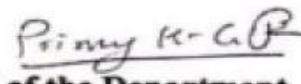
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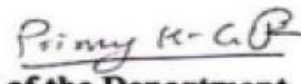
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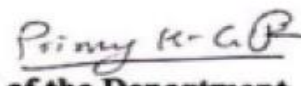
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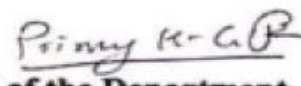
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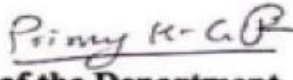
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## CERTIFICATE

This is to certify that **Adithya Babu**, Reg. No. **CRASSCH001** has successfully completed her project work entitled "**Graphene: A wonder material of 21st Century**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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Dr. PRINCY K.G.  
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This is to certify that **AISHWARYA K V**, Reg. No. **CRASSCH002** has successfully completed her project work entitled "**Graphene: A wonder material of 21st Century**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ANEESABI U P**, Reg. No. **CRASSCH004** has successfully completed her project work entitled "**Graphene: A wonder material of 21st Century**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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This is to certify that **ANGEL A J**, Reg. No. **CRASSCH005** has successfully completed her project work entitled "**Graphene: A wonder material of 21st Century**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ASNA P A**, Reg. No. **CRASSCH006** has successfully completed her project work entitled "**Graphene: A wonder material of 21st Century**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **DINI PAUL**, Reg. No. **CRASSCH007** has successfully completed her project work entitled "**Plastic Degradation**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **KRISHNAPRIYA K G**, Reg. No. **CRASSCH008** has successfully completed her project work entitled "**Plastic Degradation**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **KRISHNAPRIYA UNNIKRISHNAN**, Reg. No. **CRASSCH009** has successfully completed her project work entitled "**Plastic Degradation**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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Dr. PRINCY K.G.  
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## CERTIFICATE

This is to certify that **LAKSHMI E S**, Reg. No. **CRASSCH010** has successfully completed her project work entitled "**Plastic Degradation**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **MELBYMOL JAMES**, Reg. No. **CRASSCH011** has successfully completed her project work entitled "**Plastic Degradation**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **MRUTHULA MATHACHAN**, Reg. No. **CRASSCH012** has successfully completed her project work entitled “**(PHBV)-Copolymer: Bliss for a sustainable future**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **NAVYA JAMES**, Reg. No. **CRASSCH013** has successfully completed her project work entitled “**(PHBV)-Copolymer: Bliss for a sustainable future**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **NEEMA JOY**, Reg. No. **CRASSCH014** has successfully completed her project work entitled “**(PHBV)-Copolymer: Bliss for a sustainable future**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **SIYA K VARGHESE**, Reg. No. **CRASSCH016** has successfully completed her project work entitled “**(PHBV)-Copolymer: Bliss for a sustainable future**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **SONA M S**, Reg. No. **CRASSCH017** has successfully completed her project work entitled **“(PHBV)-Copolymer: Bliss for a sustainable future”** for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **VAISHNAVY K.S**, Reg. No. **CRASSCH018** has successfully completed her project work entitled "**Milk Adulteration**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ADITHYA DINESH K**, Reg. No. **CRASSCH019** has successfully completed her project work entitled "**Milk Adulteration**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **AMRUTHA THANKAPPAN**, Reg. No. **CRASSCH020** has successfully completed her project work entitled "**Milk Adulteration**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ANAGHA SHEMUNAN**, Reg. No. **CRASSCH021** has successfully completed her project work entitled “**Milk Adulteration**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ANAGHA SUNIL**, Reg. No. **CRASSCH022** has successfully completed her project work entitled “**Milk Adulteration**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ANEENA K RAVI**, Reg. No. **CRASSCH023** has successfully completed her project work entitled "**Themozolamide: Review on its discovery, structure, Properties and uses**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **ANJU R**, Reg. No. **CRASSCH024** has successfully completed her project work entitled “**Themozolamide: Review on its discovery, structure, Properties and uses**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **DEVIKRISHNAGOPALAKRISHNAN**, Reg. No. **CRASSCH025** has successfully completed her project work entitled "**Themozolamide: Review on its discovery, structure, Properties and uses**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **DILPADMA SASIKUMAR**, Reg. No. **CRASSCH026** has successfully completed her project work entitled “**Themozolamide: Review on its discovery, structure, Properties and uses**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **GEETHU M U**, Reg. No. **CRASSCH027** has successfully completed her project work entitled "**Themozolamide: Review on its discovery, structure, Properties and uses**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **NAVYA P SAHADEVAN**, Reg. No. **CRASSCH028** has successfully completed her project work entitled “**Topic: Biomedical waste Management**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **NIVEDYA C D**, Reg. No. **CRASSCH029** has successfully completed her project work entitled “**Topic: Biomedical waste Management**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **PRAVEENA KUMARAN**, Reg. No. **CRASSCH030** has successfully completed her project work entitled “**Topic: Biomedical waste Management**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **P S ANAGHA**, Reg. No. **CRASSCH031** has successfully completed her project work entitled “**Topic: Biomedical waste Management**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **SHERIN THOMAS**, Reg. No. **CRASSCH032** has successfully completed her project work entitled "**Topic: Biomedical waste Management**" for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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## CERTIFICATE

This is to certify that **TEENA ROSE P V**, Reg. No. **CRASSCH033** has successfully completed her project work entitled “**Topic: Biomedical waste Management**” for submission to the University of Calicut in partial fulfillment of requirement for the award of Degree of Bachelor of Science in Chemistry during the period of study 2018 - 2021.



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