

REVATHY A/P SANKARAN

Nationality: Malaysian

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**CAREER PROFILE**

Highly enthusiastic and determined science graduate with a passion in biotechnology. Possess excellent analytical and research skills coupled with solid teamwork abilities. Ambitious, competent and dedicated in going the extra mile to master the skills needed to make a positive contribution.

EDUCATION

- **Bachelor of Science Majoring in Biotechnology**, University Malaysia Sarawak (2013)

CORE SUBJECTS

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| • Food Biotechnology | • Cell Biology |
| • Enzymology | • Medical Biotechnology |
| • Bioprocess Technology | • Field Techniques in Biotechnology |
| • Cell and Tissue Culture | • Genetics |
| • Plant and Animal Biotechnology | • Biochemistry |
| • Virology and Immunology | • Social Issue in Biotechnology |
| • Recombinant DNA Technology | • Plant Physiology |
| • Microbiology | • Natural Resource Management and Legislation |

FINAL YEAR PROJECT

Title: Biochemical Identification of an Alkalophilic Lactic Acid Bacterium & Testing its Fermentative Capacity.

- Conducted biochemical test using API 20 kit to identify the isolated bacterium.
- Performed fermentation using two different pH values to test the fermentative capability of the isolated bacterium.
- Underwent extensive reading and analysis of 50 reference materials.
- Identified and solved complex problem during performing the project.
- Worked and assisted laboratory members when required.

Findings: Successfully identified the isolated bacterium as *Enterococcus faecalis*. The growth of biomass and LA production for *Enterococcus faecalis* are influenced by the pH and the optimum pH for this strain was found to be at pH8.

EXTRA CURRICULAR ACTIVITIES**Participant in GEMS Excel Minds Program (2014)**

- Headed and planed presentation for business planning activity in the program.
- Collaborated with group members in finishing task given on time.

Secretary of Security and Discipline Department in Collage Residential Association (2013)

- Ensured planned events were carried out smoothly.
- Prepared minute of meetings.
- Developed effective working relationship with team members in conducting events.

Committee Member of Photography Club (2012)

- Supported the organization in a major event.
- Set up booth to promote others to join this club.

Member in Indian Culture Society (2010-2011)

- Supported the club in organizing a major event.

Seed of Hope Campaign (2011)

- Appointed Narrator for the Seed of Hope Campaign.

WORKING EXPERIENCE**Melaka Biotechnology Corporation****(June 2012– August 2012)****Research Assistant in Molecular Department (Internship)**

- Performed DNA extraction from food sample to obtain its DNA.
- Prepared gel electrophoresis to analyse DNA.
- Analysed DNA extracted to identify halal food.
- Carried out DNA extraction of “Kesum” leaf to obtain its DNA profile.

Melaka Mydin Supermarket**(June 2011-August 2011)****Customer Service**

- Assisted customer to renew Mydin’s member card.
- Provided help to customer when required.
- Checked returned or spoilt items purchased by customer before refunding money.
- Managed short accounts for balancing.

Advocate Mogan Karupiah’s Law Firm**(May 2011- June2011)****Typist**

- Typed court papers for clients.
- Organized court hearing papers.

SKILLS AND STRENGTHS

Teamwork Skill – Able to work within a team in completing various laboratory projects and assisted team members when required.

Analytical & Research Skills – Gathered sufficient information in performing FYP. Evaluated and analysed data obtained in providing a conclusion for the project.

Communication & Interpersonal Skills – Built effective working relationship with team members in conducting projects during “Collage Residential Day”.

Language Skills – Excellent Bahasa Malaysia, Excellent English, Fair Tamil.

Lab Skills – Mass Spectrometer, Glucose and ethanol analyser, Centrifuge machines.

REFERENCES

Referees: Associate Professor DR. Cirilo Nolasco Hipolito, Lecturer UNIMAS, 013-8134163.

Referees: Abdah Azzuhdina bt Amin, Research Officer, 017-6697656.