

# Beasiswa Indonesia

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## Master Scholarships in Food Processing, Centre for Water, Earth and Environment, Canada

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The fruit processing industry is experiencing a surge in its growth with Quebec ranked tenth in North America. The growth has generated huge quantities of "fruit pomace" as solid waste (25–30% of the total processed fruits) obtained after the extraction of fruit juice. The objective is to carry out value-addition of pomace to produce ligninolytic enzymes; extract polyphenols; and use the fermented mass as animal feed by using a white rot fungus, *Phanerochaete chrysosporium*.

The fruit pomace residues are generally rich in carbohydrates, especially cell wall polysaccharides and other functionally important bioactive molecules, such as proteins, minerals and natural antioxidants. Owing to the high carbohydrate content, fruit pomace can be used as a substrate for the microbial production of enzymes and extraction of other high-value added products, such as anti-oxidants. Further, the high protein enriched residue can serve as animal feed.

### Research Area:

Fermentation to produce ligninolytic enzymes and simultaneously analyze polyphenolic compounds and carry out experiments with swine feed.

### Requirements:

B.Sc./B.Tech. in microbiology, biochemistry, biological engineering, biochemical engineering, chemical engineering or related discipline. Practical experience in the field of solid state fermentation or liquid fermentation and knowledge of high performance liquid chromatography/mass spectrophotometry is an added asset. Computer knowledge preferably include programming skills is an advantage. Candidates should be proficient in English and French.

Application should include a CV, list of publications, names and contacts of 2-3 references, list of research interests. For applications and further information please contact:

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1. Fully Funded Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
  2. Master Scholarships, Faculty of Medicine, Imperial College London, UK
  3. Fully Funded YSEALI Academic Fellowship, USA
  4. Fully Funded Australia Awards Scholarships
  5. Fully Funded GCE A Level Scholarships for Indonesian Students, Singapore
  6. Fully Funded Master Scholarships, Kyoto University, Japan
  7. Fully Funded Scholarships, Mohamed bin Zayed University of Artificial Intelligence, UAE
  8. Fully Funded Scholarships in Astronomy, University of Cambridge, UK
  9. Full Tuition Fee LLM Scholarships, University of Warwick, UK
  10. Fully Funded Scholarships – Qatar University
  11. Fully Funded Scholarships, Bond University, Australia

12. Fully Funded Art Major Asian plus Scholarships, Korea National University of Arts, South Korea
  13. Full Funded VLIR-ICP Master Scholarships, KU Leuven, Belgium
  14. Fully Funded Fulbright Distinguished Awards in Teaching Program, USA
  15. Fully Funded Scholarships, Pukyong National University, South Korea
  16. Fully Funded Scholarships, Yeungnam University, South Korea
  17. Fully Funded Scholarships, Sungkyunkwan University, South Korea
  18. Fully Funded Scholarships, Sunchon National University, South Korea
  19. Fully Funded Scholarships, Seoul National University of Science and Technology, South Korea
  20. Fully Funded Scholarships, Pusan National University, South Korea
  21. Fully Funded Scholarships, Kyungpook National University, South Korea
  22. Fully Funded Scholarships, University of New England, Australia
  23. Fully Funded Scholarships, Kunsan National University, South Korea
  24. Fully Funded Scholarships, Kookmin University, South Korea
  25. Fully Funded Scholarships, Kangwon National University, South Korea
  26. Fully Funded Scholarships, Jeonbuk National University, South Korea
  27. Fully Funded Scholarships, Hoseo University, South Korea
  28. Fully Funded Scholarships, Gyeongsang National University, South Korea
  29. Fully Funded Scholarships, Dongseo University, South Korea
  30. Fully Funded Scholarships, Dongguk University, South Korea
  31. Fully Funded Scholarships, Chung-Ang University, South Korea
  32. Fully Funded Scholarships, Chonnam National University, South Korea
  33. Fully Funded Scholarships, Ajou University, South Korea
  34. Fully Funded Graduate Scholarships for International Students, South Korea
  35. Fully Funded Fulbright Foreign Language Teaching Assistant, USA
  36. Fully Funded Scholarships, CERGE-EI, Czech Republic
  37. Full Tuition Fee Scholarships for Female Students from Developing Countries, Swansea University, UK
  38. Master Scholarships, University of Twente, Netherlands
  39. Fully Funded Sport Management Scholarships, Seoul National University, South Korea
  40. Fully Funded ADB JSP Scholarships, Asian Institute of Technology, Thailand
  41. Undergraduate Maths Scholarships for International Students, University of Edinburgh, UK
  42. Fully Funded Scholarships in Singapore
  43. Tuition + Living Allowance Scholarships, University of Waikato, New Zealand
  44. Fully Funded Scholarships, Okinawa Institute of Science and Technology, Japan
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1. Beasiswa Penerbit Erlangga - Universitas Bengkulu
2. Beasiswa Putra-Putri Transmigran Berprestasi - Universitas Gadjah Mada
3. VLIR-ICP Master Scholarships, KU Leuven, Belgium
4. Beasiswa UGM - Universitas Gadjah Mada
5. Women and Diversity Undergraduate Scholarship - PT. Thiess Contractors Indonesia
6. Art Major Asian plus Scholarship, Korea National University of Arts
7. Nailekhanim Foundation Scholarship, Khazar University, Azerbaijan
8. Fulbright Foreign Language Teaching Assistant (FLTA), American Indonesian Exchange Foundation, USA
9. Eira Francis Davies Scholarship, Swansea University, UK
10. Beasiswa Mahasiswa - Pemerintah Kota Pekanbaru
11. Beasiswa Master 2, Prancis
12. Beasiswa Tematik, Prancis
13. Beasiswa Kartini Sains, Prancis
14. Beasiswa France Excellence S2, Prancis
15. Beasiswa France Excellence D3 / S1, Prancis
16. University of Waikato Doctoral Scholarship, New Zealand
17. Asian Development Bank - Japan Scholarship Program (ADB-JSP), Asian Institute of Technology, Thailand
18. University of Twente Scholarship (UTS), Netherlands
19. Australian Government Research Training Program (RTP) Scholarship, Bond University, Australia
20. Australia Awards Scholarships
21. Faculty of Medicine Dean Master Scholarships, Imperial College London, UK
22. International Graduate Scholarships, Korea Advanced Institute of Science and Technology (KAIST)
23. Asian Future Leaders Scholarship Program, Kyoto University, Japan
24. Beasiswa Bantuan Penelitian - Bank Indonesia Institute
25. Beasiswa Mahasiswa Berprestasi Non Akademik - Provinsi Kalimantan Barat
26. Future Leader Scholarship, LASALLE College of the Arts, Singapore
27. Beasiswa Talenta Atlet, Seni dan Sains - Universitas Muhammadiyah Yogyakarta (UMY)
28. Beasiswa Kader Unggulan Muhammadiyah (KAUM) - Universitas Muhammadiyah Yogyakarta (UMY)
29. Beasiswa Dokter dan Dokter Gigi Muhammadiyah - Universitas Muhammadiyah Yogyakarta (UMY)
30. Talent Scholarship - Qatar University
31. PhD Scholarships in Economics, CERGE-EI, Czech Republic
32. Fulbright Distinguished Awards in Teaching Program for International Teachers (Fulbright DAI), USA

33. Beasiswa Jalur Prestasi, D3 Teknologi Pengolahan Kelapa Sawit, Institut Teknologi dan Sains Bandung
34. Beasiswa SMART Mills - PT Sinar Mas Agro Resources and Technology Tbk
35. Beasiswa SMART Agro - PT Sinar Mas Agro Resources and Technology Tbk
36. Vice Chancellor's International Excellence Scholarship, University of Waikato, New Zealand
37. Boustany Astronomy Scholarship, University of Cambridge, UK
38. Boustany Cambridge Pembroke Scholarship in Philosophy, University of Cambridge, UK
39. Vice-Chancellor's International Scholarships Scheme, University of Sydney, Australia
40. Edinburgh Global Undergraduate Mathematics Scholarships, University of Edinburgh, UK
41. PhD Scholarships, Singapore International Graduate Award (SINGA)
42. PhD Scholarships, United Arab Emirates University, UAE
43. International Postgraduate Research Award (IPRA), University of New England, Australia
44. ASEAN Scholarships for Indonesia by Ministry of Education, Singapore
45. Master and PhD Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
46. Fully Funded PhD Scholarships, Okinawa Institute of Science and Technology Graduate University, Japan
47. Dr Goh Keng Swee (GKS) Scholarship for Undergraduate Students, Singapore
48. Graduate Scholarships, Mohamed bin Zayed University of Artificial Intelligence, UAE
49. Master & PhD Scholarships, Honjo International Scholarship Foundation, Japan
50. ASEAN Graduate Scholarship, Nanyang Technological University, Singapore
51. Bond University Postgraduate Research Scholarship (BUPRS), Australia

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