

5.0 Postgraduate students

Postgraduate students at AKUATROP are divided into two structures. Structure A is a research-based programme while Structure C is a coursework programme. Study period for structure C is eighteen months and is divided into four semesters. In the final semester, students will be conducting a mini research project in their chosen field that is related to aquaculture. This program received encouraging enrollment from aquaculture and fisheries undergraduate students including an international student from Yemen.

Currently, there are a total of 36 postgraduate students pursuing their Masters and PhD degree under structure A at AKUATROP. Nine of them are foreign students while 27 are local students.



Sampling for research project



Research activity in the laboratory



Research activity in the sampling site



Student can use the institute facilities for their research

5.1 Local Students Structure A

No.	Name of Post-graduate	Title of Thesis	MSc/PhD
1	Dayang @ Salmah Bte Sidek	Investigation of Disease on Growth Performance of <i>Oreochromis</i> spp (Nile bream) culture Integrated with Poultry Farm in Sabah, Malaysia.	PhD
2	Azizah Endut	The utilization of engineered bed filtration system in a recirculation Aquaculture washwater for freshwater fish	PhD
3	Marjorie Anak Charam	Formulation of an immobilized microbial bead for removing reactive nitrogen from a marine recirculating aquaculture system	MSc
4	Siti Ariza Binti Aripin	The Characterization of Digestive Enzymes During Larval Development of Giant Grouper (<i>Epinephelus lanceolatus</i>)	MSc
5	Busra Binti Ibrahim	Development of Cyst from Marine Harpacticoid Copepods	MSc
6	Farah Diyana Binti Mohd Fathi	Taxonomic study of Phytal Harpacticoid from seagrass beds of sungai Pulau Estuary, Johor	MSc
7	Lokman Nor Hakim Bin Norazmi	Sexual Dimorphism and Molecular Sex Identification on False Clownfish (<i>Amphiprion ocellaris</i>)	MSc
8	Muhammad Abduh Bin Yazed	Study on the feeding requirement of False Clownfish (<i>Amphiprion ocellaris</i>) for broodstock production purpose	MSc
9	Sarmiza Bt. Saperi	Sexual dimorphism and gonad development of Pink Skunk Clownfish (<i>Amphiprion perideraion</i>)	MSc
10	Hasnorhisyam Shahuddin	Ecology and biology of <i>Perna viridis</i> in sea farming area	MSc
11	Noorul Ain Falah Binti Ayob	SEM study of life cycle of Harpacticoid Copepod	MSc
12	Syahnon Bin Mohammad	Study of feeding performance and behavior of marble goby larvae (<i>Oxyeleotris marmoratus</i>)	MSc
13	Tengku Nur Raihan Binti Tengku Ngah	Life history strategy of different species of tropical leech	MSc
14	Nurhidayah Binti Mohd Razif	The proteomic analysis of <i>Epinephelus</i> spp. After feeding with probiotic in diets	MSc
15	Mohd Luthfi Bin Omar	Growth rate and feeding of <i>Perna viridis</i> in Muar castal area and effect of <i>Perna viridis</i> feeding on different environment in laboratory condition	MSc
16	Lam Su Shiung	Waste excretion of marble Goby (<i>Oxyeleotris marmorate</i> Bleeker)-A Criterion for Designing A Recirculating Aquaculture System	MSc
17	Ng Beng Siang	A study on the effects of different water quality on the survival and growth of Marble Goby (<i>Oxyeleotris marmoratus</i>)	MSc
18	Afnani Bt Alwi	Antioxidant and Other Related Bioactive Compound from <i>Fargassum</i> sp	MSc
19	Abdul Muin Mohammad	Screening and Identification of Potential Bacteria from Marine Aquarium Biofilter	MSc
20	Syaidatunorhani Binti Abdul Manan	Trichodinids Parasite as an Indicator of Environment at Pollution	MSc
21	Desy Fitrya Syamsumir	Isolation and Determination of Chemical Compounds from <i>Gracilaris</i> sp. And Their Bioactivities.	MSc
22	Nor Asilah Seman	Beberapa Aspek Jangkitan FLUK Darah Sanguinicola Armada PLEHN 1905 (Diginea:Sanguinicolidae) Terhadap Siput <i>Gyraulus convexiusculus</i> dan Ikan Kap Kepala Besar <i>Aristichthyis nobilis</i> :1 Kajian Makmal	MSc
23	Chan Kian Weng	Horizontal Distribution of Dinoflagellate <i>Alexandrium minutum</i> Halim Cysts in Surface Sediments of Sungai Getting, Tumpat, Kelantan, Peninsular Malaysia.	MSc
24	Tee Ching Yee	Extraction, Isolation and Structure Eculidation of Chemical Compounds from <i>Gracilaria Changii</i>	MSc
25	Sarimah Sabri	Morphological and Infection Study of <i>Lernanthropidae</i> on Cultured Seabass	MSc
26	Nurhidayah Binti Mohd Razif	The proteomic analysis of <i>Epinephelus</i> spp. after feeding with probiotic in diets	MSc
27	Awang Alim Bin Awang Kasim	Reproductive biology of the mantis shrimp <i>Oratos quillina interrupt</i> (Manning, 19950 Crustacea: Stomatopod at Santubong Bay, Sarawak.	MSc

5.2 International Students Structure A

No.	Name of Post-graduate	Country of Origin	Title of Thesis	MSc/PhD
1	Trang Dai Dinh	Vietnam	The reproductive Biology and population dynamics of <i>Pseudopocryptes elongatus</i> (Gobiidae) Distributed in the mud flat Areas of The Mekong Delta, Vietnam	PhD
2	Mithun Sukumaran	India	Effect of <i>Streptomyces</i> on Biology of Edible Fisher Through Practicing Aquaculture	PhD
3	Taufik Hayimat	Thailand	The Cultivation of Spotted babylon (<i>Babylonia areolata</i> Link 1807)	MSc
4	Agus Putra A. Samad	Indonesia	Crossbreeding of <i>pangasius hypophthalmus</i> and <i>pangasius pangasius</i> and some aspect of their hybrid development.	MSc
5	Lee Son Trang	Vietnam	Effect of different diets on the reproductive Capacity of River Catfish <i>Mystus nemurus</i> Broodstock	MSc
6	Hua Thai Nhan	Vietnam	Study on the effects of some environmental factors to spawning performances of the donkey – ear abalone <i>Haliotis asinina</i>	MSc
7	Pathi Awadh	Yemen	The effect of different preservation techniques on the flesh quality of dead Sea bass (<i>Lates calcarifer</i>)	MSc
8	M.Y. Khanif	Sudan	A prototype polyculture system of freshwater prawn and vegetable with different levels of poultry manure and trace elements.	MSc
9	Endryeni Mulyadi	Indonesia	Study on reproductive patterns and maturation of Malaysia Red Mahseer, <i>Tor tambroides</i> .	MSc

5.3 Local Master Students Structure C

No.	Name of Post-graduate	Title of Thesis
1	Adillah Ibrahim	Growth and Survival Rate of Freshwater Prawn, <i>Macrobrachium rosenbergii</i> Larvae Fed on <i>Artemia</i> sp. and Harpacticoid Copepod
2	Ahmad Syazni Kamaruddin	Development of genetic marker for growth in Asian Seabass using RAPD marker
3	Anis Sabirin Mohd Radzi	Determination of fry and fingerling quality of sea perch, <i>Lates calcarifer</i>
4	Diana Abdul Wahid	Variation in gene expression in response towards different salinity in Seabass, <i>Lates calcarifer</i>
5	Mohd Shubli Md Saad	Production of catfish (<i>Clarias gariepinus</i>) with and without pure injected oxygen on different flow rate in race way system
6	Norshida Ismail	Development rates and population growth of cultured harpacticod copepod, <i>Robertsonia</i>
7	Prisyela Kaling	Water quality performance on different flow rate in a raceway system for <i>Clarias gariepinus</i>
8	Roshamiza Ishak	Growth and survival rate of <i>Macrobrachium rosenbergii</i> fed on calanoid copepod
9	Rosmawati Hj. Maludin	Genetic variation in four hatchery reared population of Marble Goby, <i>Oxyeleotris marmorata</i> using AFLP marker
10	Rosnani Nazri	An analysis on method and feed type in intensive <i>Artemia</i> biomass production

11	Sarimah Sabri	Morphological and infection study of Lernaepodidae in Seabass culture
12	Satminder Kaur	The effects of light intensity and conspecific chemical cues on the reproduction mode and other population parameter of <i>Moina macrocopa</i>
13	Suniza Anis Mohamad Sukri	Effect on Hatching, Different Feeding and Early Growth of Horseshoe Crab, <i>Tachypleus gigas</i>
14	Zainurulazura Mohd Yasin	The utilization of engineered aquaponic recirculating system in determining water quality performance towards feeding regime of African catfish (<i>Clarias gariepinus</i>)

5.4 International Master Student Structure C

No.	Name of Post-graduate	Country of Origin	Title of Thesis
1	Adnan Saeed Al Sabban	Yemen	Preservation of Fresh fish