Description

Our focuses on the education which strengthening educational courses in the Department of Biology. Related of our research and community service, we are strengthening its research and service on various learning methods/models, learning media as well as assessment and evaluation of learning

Research Team

Innovative and Creative Learning Model



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Research Interest

HOTs Innovative Biology Learning that is specific to the material structure of plant development

Recently, my research team researched the implementation of the curriculum in the UPBE at the Universitas Negeri Surabaya. Previously, my team conducted research which results showed that two cycles of problem-solving cycles were effective in achieving the learning outcomes of thinking skills and mastery of plant anatomy concepts. Now, we are working on solutions for the future that utilize the quality of learning in Indonesia to improve students' skills so that we can acquire quality human resources



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Research Interest

Biological Literacy through Development of teaching materials

Recently, my research team identified the effectiveness of learning materials with an ICT-based guided inquiry model for practicing critical thinking skills and scientific literacy. Previously, my team work also conducted research which stated that two cycles of problem-solving cycles were effective in achieving the results of learning thinking skills and mastery of plant anatomy concepts. We are currently conducting research on treatments for the future that utilize innovative learning models and strategies to train and improve students' skills and learning outcomes



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Research Interest

Scientific attitude and skills in researching Biology education and specifically on animal systematics, conservation and biodiversity

Recently my research team conducted research on developing creative and innovative learning models for biology education. Previously, my team conducted a study with the result that educational videos were effective in training pre-service teachers to apply a scientific approach to cooperative learning. Currently we are conducting research on treatment for the future that utilizes various learning models and media that can be used by teachers to improve student learning outcomes and scientific skills.

<table>
<tr>
<td></td>
<td>Ahmad Bashri, S. Pd., M.Si.

Email: ahmadbashri@unesa.ac.id
Telepon: 081334300341
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SINTA ID: 5988579</td>
<td>Research Interest

Biology education, plant biology</td>
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<tr>
<td colspan="3">Recently, my research team identified the mapping of amino acids and rhizobacteria in clover (Marsilea crenata) and Ludwigia adscendens water exposed to detergent waste. Previously, my team conducted a study that confirmed that the use of 10 mL/L water ab nutrient mixture (a mixture of fertilizer A and fertilizer B) and the combination of LMO (local microorganisms) A 5 mL + LMO B 5 mL/L water was an effective combination of nutrients for hydroponic Caisim growth We are currently working on future research that utilizes the optimization of plant benefits for human life and the environment by analyzing its structure and development.</td>
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