



## Khanam Marzia

総合理工学府  
環境エネルギー工学専攻  
修士 1年

I am Marzia Khanam and working in the Thermal Energy Conversion System laboratory. I am going to finish my 2nd semester (Master Course) in Kyushu university under the Green Asia program. My research topic is effective thermal conductivity measurement under operating condition to investigate the heat transfer phenomena during adsorption which is very important to design the adsorption cooling system.

As the Green Asia program represents a diverse area of research, so there are three lab rotations during master program. This semester, along with my research, I am working in Hayashi—Ito laboratory as a part of lab rotation. In that lab I am working to see the heat transfer characteristics of a heat exchanger using Fluent Code. Lab rotation gives me a great opportunity to interact with members of other lab and also helps me to enhance my knowledge in diversified field.

I am going to start my practice school in MIE University on smart campus. Smart campus is a sort of networked energy system and has a large energy saving effect. In MIE University, a smart campus project was initiated in 2011 and operation data of energy supply and energy conversion systems are now available. These data are very valuable and important prospect for me to observe an existing plant and analyze actual operational data. From the experience of the smart campus, I will be able to have a clear vision on energy efficient systems.



## Pal Animesh

総合理工学府  
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修士 1年

I am, Animesh Pal from Bangladesh, a master first year student of Green Education Center, Kyushu University. Currently, I belong to the department of Energy and Environment Engineering under supervision of Professor Bidyut Baran Saha. Now, I am conducting research on composite adsorbent materials. The consolidated composite adsorbents can be a promising candidate for low temperature heat-driven adsorption cooling/heat pumps system because it shows not only high packing density but also high thermal conductivity. Higher thermal conductivity is lead to a higher performance of heat and mass transfer in the absorbers during the adsorption/desorption process. Besides my research activities, I am also acquiring diverse knowledge from different fields through laboratory rotation; GA afternoon colloquium; course works such as social, industrial, environment, economics. I am here almost one year; really I feel that "Green Asia" is an excellent program for creating leaders for future generation. I am very happy to be a student of this program. I want to give my best effort to acquire knowledge for becoming a leader and contributor for further development of my country.



## Sindy Dwiki

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"Time moves slowly but passes quickly" a quotation from Alice Walker simply explained my daily life as Green Asia student nowadays. It cannot be truer, since I have been busy with the classes and the research in laboratory. Not only classes from my department as Master Course student, Earth Resource Engineering, but also for Green Asia classes filled my days in a week and we could get the bonuses: homework and report. Surprisingly, those busy days were not really tiring. Of course it was tiring, but somehow the day with full activities in fact is enjoyable at least for me. The combination of classes, colloquium and tasks (homework, report or else) surely gives you oh-no-too-much-to-do thoughts, but the contents of the lecture, atmosphere of the class and the discussion that happened between lecturer and students makes me enjoy and honestly, in times where I have nothing to do sometimes I am looking forward for the next schedule for Green Asia classes or activities.

Almost one year ago I arrived in Japan and started new status as Graduate student, Leading Program student, in Kyushu University. Since then, I have been attending many forums and seminars. Company visit in Daikin Industries. Leading Program Student Forum in Osaka, Novel Carbon Resources Science seminar in Chikushi Campus - Kyushu University, Student Forum in Kumamoto and many more. Also, I have to attend various classes with broad disciplines: Social Study, Economics, Environment and etc. Green Asia also has almost a weekly routine, make a colloquium which is taught by different professor every class and the topic depends on the specialty of the professor itself. Another classes also exist to increase the knowledge of Green Asia student, for example is Practical English. Currently I am in the middle of my Practice School in King Cooperation, as the requisition of Green Asia program for approximately one month. So far this internship is exciting and I hope I could get experience as many as I can, gives good impression to them and not disappointing as Green Asia student.

It is still long way to finish the Green Asia program. For the next years, I hope that I could meet my expectation from myself and others and know how far that I could be and do as Green Asia student.