The Covenant University's Electric Automobile Research Cluster has developed what it called Covenant University Integrated Dual Engine Automobile system, otherwise known as CU IDEA. Two saloon cars (with and without Air-condition) and a tri-cycle were some of the research products developed and exhibited by the University as part of events marking the Chancellor, Dr. David Oyedepo's 60th birthday recently.

The research work sponsored by the University was supervised by the leader of the team who is also the Head of Department of Chemical Engineering, Professor James Omoleye. The greatest advantage the CU IDEA has over any other electric car developed is the use of both electric and fuel powering systems, which increases its distance coverage by 350%. “That is, if other cars can cover a distance of 50 kilometres before the batteries require charging, CU IDEA is able to cover three and half (200 kilometres) before it will require charging”, Professor Omoleye explained. The beauty of this invention, according to him, is that the cars can run on both systems simultaneously which gave them the name Dual Engine. Another advantage of the products is that, they are able to eliminate atmospheric emission, which is a concern all over the world.

The research work, according to Professor Omoleye, started in 2009, when Covenant University received research grant from the David Oyedepo Foundation. “Within one year, the researchers were able to design and assemble the Covenant University Integrated Dual Engine Automobiles.”

Mr. Moses Olaosebikan of Exxon Mobil, in a mail sent to the Vice-Chancellor of the University, Professor Charles Ayo, recently shared his views on what he considered unique about the quality of graduates from the University. In his analysis, the same way products of Covenant University are dominating the scholarship scheme for first class graduates initiated by the Federal Government, they are also dominating in other spheres, including that of Exxon Mobil Nigeria. Mr. Olaosebikan made this known in a felicitation to the Chancellor of the University on his 60th birthday. He stated that apart from the first class graduates of the University being the highest in number selected in the Federal Government's Presidential Scholarship Scheme (PRESSID), the University's graduates are also doing great in initiatives embarked upon by Exxon Mobil. According to him, “I heard four out of 10 international postgraduate scholarships we recently awarded were from Covenant University. Our recent recruitment brought in a good number of Covenant University engineering graduates out of the lot that applied, and one of them, Ardeji Abe, 1st class, Mechanical Engineering, was my direct report; he is an outstanding young man, very hardworking and with good work ethics.”

Mr. Olaosebikan appreciated the Chancellor and the Management team of the University for the dogged commitment to raising a new crop of leaders that would fill every facet of the nation's economy and restore her rightful place in the comity of nations. He commended the Chancellor for his dogged commitment to nation building. According to him, “If we just have about 500 of Dr. David Oyedepo's personality in Nigeria, we would not be crawling as a nation.”
As part of the activities to mark the 60th birthday of the Chancellor of Covenant University, Dr. David Oyedepo, the institution on September 26, 2014, held its 37th Public Lecture. The lecture, delivered by Professor Amos Alao, with the theme, ‘FOSTERING PSYCHOLOGICAL ADJUSTMENT: PATHWAYS TO NATIONAL WELLNESS,’ started at 2pm and was graced by dignitaries from all walks of life.

While making his remarks at the event, the Chancellor of Covenant University, Dr. David Oyedepo, represented by the Resident Pastor of Faith Tabernacle, Pastor Nia Ubong, said, “Without a doubt, the lecturer of today has done justice to the subject. Speaking of what needs to be done at the individual, family, community and national levels to bring about wellness as an outcome of psychological adjustment.” Quoting the Chancellor, Pastor Nia said, “The outcome of your life depends on what you do with the opportunities that present themselves to you.” He cited the story of the Prodigal Son, in Luke 15:11-32, and explained that the prodigal son had to do a psychological adjustment, in order to bring himself back to wellness after deviating from what was supposed to be his lot.

In his opening address, the Vice-Chancellor, Professor Charles Korede Ayo, appreciated the guests for coming and expressed his excitement that the University was able to package a lecture with such topic as to properly represent all participants to pay attention as the national growth. He encouraged the reconstruction of our well-being for our knowledge for life applicable to associations and relationships that have great potentials to improve the general well-being of our community and the nation in general.” In his welcome remarks, the Registrar of Covenant University, Dr. Ohumuyiwa Oludayo, described the lecture as an advancement of knowledge for life applicable reconstruction of our well-being for our national advancement. Therefore, it is important to note that until there’s a change within, there cannot be a change without. It is on this note, I welcome you to the public lecture of psychological adjustment that has great potentials to improve the general well-being of our community and the nation in general.”

Defining the concept of wellness, Professor Alao said, “The term wellness focuses on wellbeing and the quality of life enjoyed by an individual. The World Health Organization (2006) published a review of glossary terms that defined wellness as an optimal state of health in individuals and groups. Emphasis on wellness can be on two perspectives: firstly, as the realization of the fullest potential of an individual physically, psychologically, socially, spiritually, and economically; and secondly, as the fulfillment of one’s role expectations in the family, community, place of worship, workplace and other settings (Smith, Tang, & Nutbeam, 2006).” In conclusion, the erudite scholar stated that ensuring wellness in the nation must begin with ensuring wellness at the individual level, in interpersonal relationships between two individuals and at family and group levels, in the community and in the society.

**CU Invents Electric Automobiles**

The dual engine and replace the fuel combustion engine from imported cars. We did the same thing for saloon cars and a tri-cycle, we also introduced Air-condition and it was a success”, he explained. The dual engine, according to Professor Omoleye, is flexible. It can adapt easily to any renewable energy. “The dual engine is not limited to battery and fuel alone. It uses battery and fuel for now because petroleum is still our business in Nigeria. But we know very soon, there is going to be breakthrough in other renewable energy sources.

“So, the dual engine we have designed has the ability of replacing the fuel proportion section with the fuel cell. In that case, it would be battery and fuel cell. It is so flexible that, if tomorrow the Solar energy becomes efficient, our system will also incorporate battery and Solar Engine to do the same thing. In fact, any renewable energy system that comes up will be good enough for our system”, he disclosed. He appreciated the Chancellor and Chairman, Board of Regents of the University, Dr. David Oyedepo, for what he called spiritual, social and financial interest. “He has passion for practical researches that will contribute to the lives of the people in the society as well as create solution where there is any problem. He gave us full support for what would make the work successful". Professor Omoleye also appreciated the Covenant University Management, led by the Vice-Chancellor, Professor Charles Ayo, for it’s full support. “Right now, we are perfecting it for commercialization,” he said.