

**DEPARTMENT OF BOTANY**  
**COLLABORATIVE ACTIVITY AND LINKAGES**  
**2020 -- 2021**

<b>S. No.</b>	<b>Name and title of the activity / linkage</b>	<b>Name of the Participant</b>	<b>Duration</b>	<b>Name of the partnering institution /industry research lab with contact details</b>	<b>Revenue Generated</b>
1.	<b>Paper Publication</b> (Anti-diabetic studies of bis -glycine hydro bromide (45 nm) Nano Crystals)	Dr. Sr. A. Arockia Jenecius Alphonse Assistant Professor of Botany	1 year	Dr. K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
2.	<b>Paper Publication</b> (Anti-diabetic activities of ZnO doped with Ce (5%) Nanoparticles)	Dr. Sr. A. Arockia Jenecius Alphonse Assistant Professor of Botany	1 year	Dr. K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
3.	<b>Paper Publication</b> (Anti-inflammatory (AI) and crystalline hardness characterisations of 4-(4-chlorophenyl)-7,7-dimethyl-7,8-dihydro-4h-1-benzopyran-2,5 (3h,6h)-dione-(CPDMDHHPHHD) - Comparative analysis of macro and nano scales crystals)	Dr. G. Flora Assistant Professor of Botany	1 year	Dr. K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
4.	<b>Paper Publication</b> (Anti-diabetic (AD) and crystal stiffness characterizations of NaBr-added L-alanine (LANB) - A comparative analysis in macro and nano scale crystals)	Dr. G. Flora Assistant Professor of Botany	1 year	Dr. K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No

5.	<b>Paper Publication</b> (Anti-diabetic (AD) activities of ZnO doped with Ce (7 at%) nano particles (NP))	Dr. G. Flora Assistant Professor of Botany	1 year	Dr. K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No
6.	<b>Paper Publication</b> (Anti-diabetic (AD) studies of picolinium maleate nano crystals)	Dr. G. Flora Assistant Professor of Botany	1 year	Dr. K. Senthil Kannan, Department of Physics, Edayathangudy G.S. Pillay Arts and Science College, Nagapattinam - 611 002, India	No