



**RAMAIAH**

College of Arts, Science &  
Commerce

**M S Ramaiah College of Arts, Science and Commerce**

Re-accredited 'A' by NAAC, Permanently Affiliated to Bengaluru Central University,  
Approved by Government of Karnataka, Approved by AICTE, New Delhi,  
Recognized by UGC under 2F & 12B of UGC act 1956

## **WASTE RECYCLING SYSTEM**

Waste recycling system is all about the collection and processing of waste materials and turning them into new reusable products. It benefits the community and the environment.

At our Institution, we are efficiently following “Reuse, Reduce and Recycle” slogan by effectively managing all kinds of wastes such as solid, liquid and e-wastes. Solid wastes are segregated by keeping different coloured bins. The organic wastes are converted into reusable compost by vermicompost procedure.

The liquid wastes are treated at Institutional sewage treatment plant and reused for non-portable purposes. e-wastes are disposed off by handing it over to E-Cycle Solutions, No. 41, 7<sup>th</sup> Cross, Bahubali Nagar, Jalahalli, Bengaluru – 560012, which works towards the sustainable disposal of e-wastes to ensure a clean and healthy environment.

*Principal*

M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054

At the college campus there is a 50 ltr tank and is kept for generating biocompost by vermicompost process, which is a scientific process in which the earthworms convert the organic waste into manure rich in high nutritional content.

The kitchen wastes from canteen and the organic wastes put into the green bins in the college and the leaves dropped down from the plants and trees are dumped into the tank and the earthworms are released into the tank which is mainly used in this process as they eat the organic matter and produce castings through their digestive systems. This is then covered with some more leaves and with dry gunny bags and water is sprinkled over it to maintain the moisture. The earthworms feed on these organic wastes and produce castings which are nothing but biocompost or vermicompost.

The compost is then used for gardening purpose on the campus and also it is distributed to the employees who request for biocompost which is expensive when it is bought from outside.

By this procedure, the college is generating two to five kgs of biocompost every month.



Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054





**VERMICOMPOST PIT**

*Heav*

Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054