

**The following UG courses with the implementation of V dean Committee recommendations since 2016**

S.No	Semester	Course No	Course Title	Credits offered
1	I semester	SSAC-121	Fundamentals of soil Science	
2		SSAC-321	Problem soils and their Management	2+1
3		AGRO301 (Combined Course)	Geoinformatics and Nanotechnology for precision farming	1+1
4		ELCT 305 (Combined Course)	Agricultural Waste management	2+1
5	II semester	SSAC221	Manures, Fertilizers and soil fertility Management	2+1
6		ELCT222	Soil, plant ,water and seed testing	1+2

**The following post graduate courses handled during 2016-17**

Academic year & Semester	Course allotted		Credits offered	
	Course No	Course Title	T	P
I Semester	SOILS 509	Soil, water and Air Pollution	2	1
II semester	SOILS 513	Management of problem soils and water	2	1
	SOIL 510	Remote Sensing and GIS Techniques for Soil, Water and Crop Studies	2	1

**Achievements**

- The department offered PG programme from 2010-11 to 2012-13. Till now 6 students had completed post graduation from the department Presently, in 2020-21, one student in the Department of Soil Science & Agricultural Chemistry and 3 students from Agronomy to be completed research
- Out of six students five M.Sc (Ag) students qualified the NET exam. Four M.Sc (Ag) students secured Ph.D in ANGRAU and UAS, Bangalore .One student got scientist post in ANGRAU in the recruitment 2017.
  - Prepared study materials and practical manuals for all UG courses as recommended by V dean Committee.
  - Prepared soil fertility maps and soil profile maps of MC farm, Agricultural College, Mahanandi
  - Published 80 research articles till now duly covering important aspects like potassium dynamics in Kurnool district, evaluation of extractants for potassium estimation, Potassium requirement for rice and maize crops, sewage sludge, urban compost, FYM, vermin compost and bio fertilizers and their influence on crop yields and soil properties.
  - Presented 17 Posters and abstracts at National level Seminars/Conferences and published 13 popular articles in different issues.

**The following M.Sc(Ag) students awarded in Agricultural College Mahanandi**

Awarded Year	Name & I. D. No. of the student	Title of the Thesis	Major Advisor
2012	V. Siva Jyothi MAM/2010-09	Phosphorus requirement of paddy ( <i>Oryza sativa L.</i> ) var. samba mahsuri (BPT-5204) grown in high soil available P <i>vertisols</i> under K.C canal ayacut	Dr. T. Giridhara Krishna
2014	P.N.Siva prasad MAM/2012-07	Studies on available potassium in rice ( <i>Oryza Sativa L</i> ) growing soils of canal ayacut in Kurnool district	Dr.P.Kavitha
2015	J.Swamanna MAM/2013-04	Potassium Release Characteristics and Response to potassium application in rice ( <i>Oryza Sativa L</i> )	Dr.P.Kavitha

2016	D.V.Sujatha MAM/2014-09	Response of rice (OryzasativaL) to different levels of potassium and green manure	Dr.P.Kavitha
2016	I.Rajeevana MAM/2014-08	Studies on available potassium in soils of different cropping systems in Kurnool district	Dr.P.Kavitha
2017	K.Supriya TA/2015-46	Characterization, Classification and evaluation of soils of Mahanandimandal of kurnool district	Dr.P.Kavitha