



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA**  
**KAKINADA – 533 003, Andhra Pradesh, India**

**DEPARTMENT OF AGRICULTURAL ENGINEERING**

**COURSE STRUCTURE - R19**

**I Year – I SEMESTER**

S. No.	Course Code	Subject	L	T	P	Credits
1	BS1101	Mathematics - I	3	0	0	3
2	BS1102	Mathematics – II	3	0	0	3
3	BS1108	Engineering Physics	3	0	0	3
4	AG1101	Surveying and Leveling	3	0	0	3
5	ES1103	Engineering Drawing	1	0	3	2.5
6	BS1102	English Lab	0	0	3	1.5
7	BS1109	Engineering Physics Laboratory	0	0	3	1.5
8	AG1102	Surveying and Leveling Lab	0	0	3	1.5
9	MC1104	Constitution of India	2	0	0	0
<b>Total Credits</b>						<b>19</b>

**I Year – II SEMESTER**

S. No.	Course Code	Subject	L	T	P	Credits
1	HS1201	English	3	0	0	3
2	BS1210	Engineering Chemistry	3	0	0	3
3	ES1204	Engineering Mechanics	3	0	0	3
4	BS1214	Principles of Soil Science & Agronomy	3	0	0	3
5	ES1201	Programming for problem Solving Using C	3	0	0	3
6	BS1211	Engineering Chemistry Laboratory	0	0	3	1.5
7	HS1203	Communication Skills Lab	0	0	3	1.5
8	ES1202	Programming for problem Solving Using C Lab	0	0	3	1.5
9	ES1220	Engineering Workshop & IT Workshop	0	0	3	1.5
10	MC1201	Environmental Sciences	2	0	0	0
<b>Total Credits</b>						<b>21</b>

*(Signature)*

**Director (i/c)**  
**Academic Planning**  
**JNTUK Kakinada**