



S. No.: AE 00277

**ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY**

(Formerly Andhra Pradesh Agricultural University, Estd. 1964)

LAM, GUNTUR, ANDHRA PRADESH, INDIA

FACULTY OF AGRICULTURAL ENGINEERING &amp; TECHNOLOGY

**B.Tech. (Agricultural Engineering)**CONSOLIDATED TRANSCRIPT OF MARKS

**Student's Name** : ALLURI AJAY VARMA  
**I. D. No** : BE/2013-001  
**Mother's Name** : A SUNEETHA  
**Father's Name** : A RAMA KRISHNA RAJU  
**Date of Birth** : 25/08/1996  
**Year of Admission** : 2013  
**Duration of Degree** : 4 Years  
**College** : College of Agricultural Engineering, Bapatla  
**Medium of Instruction** : ENGLISH

**Permanent Address:**

Near Bandi Mahankalamma Temple,  
 Nakkalapeta (V),  
 Palavalasa (P), Gurla (M),  
 Vizianagaram Dist. – 535220.

Course No.	Title of the Course	Credit Hours (Th + Pr)	Grade Point	Number of Attempts
<b>FIRST YEAR</b>				
<b>FIRST SEMESTER:</b>				
STAM 103	Engineering Mathematics-I (Engineering Calculus)	3 (2+1)	7.5	1
SSAC 122	Engineering Physics-I (Magnetism and Optics)	3 (2+1)	6.3	2**
SSAC 124	Engineering Chemistry	2 (1+1)	8.0	1
MECH 181	Workshop Technology-I	2 (1+1)	7.9	1
CIVE 161	Surveying and Leveling-I	3 (1+2)	8.7	1
CIVE 162	Engineering Drawing	2 (0+2)	8.4	1
COMP 171	Electrical Circuits	2 (1+1)	8.4	1
AGRO 103	Principles of Agronomy	2 (1+1)	7.4	1
*COCA 200	NSS/NCC	1 (0+1)	S*	1
<b>SECOND SEMESTER:</b>				
STAM 104	Engineering Mathematics-II (Engineering Differential Equations)	3 (2+1)	8.2	1
COMP 172	Computer Programming and Data Structures	3 (2+1)	8.1	1
SSAC 123	Engineering Physics-II (Applied Electronics and Instrumentation)	3 (2+1)	6.5	1
SSAC 125	Principles of Soil Science	3 (2+1)	7.8	1
MECH 182	Workshop Technology-II	2 (1+1)	6.8	1
CIVE 164	Surveying and Leveling-II	1 (0+1)	7.7	1
COMP 173	Electrical Machines and Power Utilization	3 (2+1)	7.0	1
CIVE 165	Engineering Mechanics	3 (2+1)	8.5	1
CIVE 163	Engineering Materials	2 (2+0)	7.0	1
*COCA 100	Physical Education	1 (0+1)	S*	1

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<b>SECOND YEAR</b>				
<b><u>FIRST SEMESTER:</u></b>				
CIVE 261	Fluid Mechanics and Open Channel Hydraulics	3 (2+1)	7.9	1
MECH 281	Heat and Mass Transfer	2 (1+1)	6.4	1
AGST 221	Poly House Technology	2 (1+1)	8.4	1
MECH 282	CAD/CAM Computer Graphics and Machine Drawing	3 (1+2)	7.5	1
CIVE 262	Strength of Materials	3 (2+1)	7.6	1
SOWE 251	Ground Water Hydrology, Wells and Pumps	3 (2+1)	6.9	1
AEXT 294	Extension Methods for Transfer of Technologies	1 (0+1)	8.9	1
FAMP 241	Farm Machinery and Equipment-I	3 (2+1)	7.1	1
MECH 283	Thermodynamics Heat Engines	3 (2+1)	6.3	1
<b><u>SECOND SEMESTER:</u></b>				
CIVE 263	Soil Mechanics	3 (2+1)	6.8	1
SOWE 252	Irrigation Engineering	2 (1+1)	7.6	1
APFE 211	Crop Process Engineering	3 (2+1)	7.1	1
COMP 271	Database Management & Internet Applications	2 (0+2)	8.0	1
MECH 284	Theory of Machines	3 (2+1)	7.1	1
STAM 202	Engineering Mathematics-III (Statistical Methods and Numerical Analysis)	3 (2+1)	8.5	1
FAMP 242	Farm Power	2 (1+1)	6.3	1
SOWE 253	Surface Water Hydrology and Watershed Management	3 (2+1)	7.4	1
BIRM 201	Environmental Science	2 (1+1)	8.4	1
<b>THIRD YEAR</b>				
<b><u>FIRST SEMESTER:</u></b>				
FAMP 341	Field Operation and Maintenance of Tractors and Farm Machinery	3 (1+2)	7.7	1
SOWE 351	Soil and Water Conservation Engineering	2 (1+1)	7.9	1
APFE 311	Dairy and Food Engineering	3 (2+1)	8.0	1
AECO 343	Agricultural Economics, Agribusiness Management and International Trade	3 (2+1)	6.9	1
FAMP 342	Farm Machinery and Equipment-II	3 (2+1)	8.0	1
AGEN 331	Renewable Energy Sources	3 (2+1)	7.5	1
CIVE 361	Theory of Structures	3 (2+1)	8.6	1
ENGL 301	Development of Communication Skills in English	1 (0+1)	8.5	1
SOWE 352	Micro Irrigation Engineering	2 (1+1)	8.1	1
°AELP 300	Experiential Learning	1 (0+1)	S*	1
<b><u>SECOND SEMESTER:</u></b>				
AGST 321	Agricultural Structures	2 (1+1)	7.9	1
FAMP 343	Design of Agricultural Machinery	3 (2+1)	6.6	1
FAMP 344	Tractor Systems and Controls	2 (1+1)	7.2	1
SOWE 353	Agricultural Drainage Engineering	2 (1+1)	7.6	1
AGST 322	Design & Costing of Soil Water Conservation and Irrigation Structures	3 (2+1)	7.8	1
APFE 312	Refrigeration and Air Conditioning	2 (1+1)	7.3	1
AEXT 392	Entrepreneurship Development	2 (1+1)	7.5	1
APFE 313	Engineering Properties of Biological Materials and Food Quality	3 (2+1)	8.4	1
APFE 314	Process Engineering for Agricultural Produce	3 (2+1)	8.0	1

