Dr. Y.S.R. HORTICULTURAL UNIVERSITY

(Constituted by Government of Andhra Pradesh, India)

INFORMATION BULLETIN

ADMINISTRATIVE OFFICE, VENKATARAMANNAGUDEM,
TADEPALLIGUDEM, WEST GODAVARI DISTRICT-534101,
ANDHRA PRADESH, INDIA

Dr YSR HORTICULTURAL UNIVERSITY

(Constituted by Government of Andhra Pradesh, India)

Andhra Pradesh Horticultural University was established by the Government of Andhra Pradesh by Act 30 of 2007 with its headquarter at Venkataramannagudem, Tadepalligudem, West Godavari, District., Andhra Pradesh. Subsequently by Act 13 of 2011, and it was renamed as Dr. Y.S.R. Horticultural University by the Government of Andhra Pradesh.

Dr YSRHU offers 4 year B.Sc., (Hons.) Horticulture, 2year M.Sc. and 3year Ph.D. in the departments of Horticulture, Plant Pathology and Entomology with specialization in 7 disciplines through four Constituent Colleges of University.

Research activities of Dr YSRHU are delivered through 20 Research Stations and serves the farmers by transferring the technologies through the Research, Extension and Academic institutes (42) under Dr YSRHU.

CONTENTS:

About Dr. YSR Horticultural University

The Dr. YSR Horticultural University a State-owned University, by the Government of Andhra Pradesh comprises 4 Constituent colleges specializing in capacity-building of professionals in the fields of Horticulture sector and other related areas for promoting the highest standards of professional competence and practice for the technology. It has been accredited with Grade-A by Indian Council of Agricultural Research under the Ministry of Agricultural and Co-operation, Government of India by National Agricultural Education Accreditation Board (ICAR-NAEAB).

Andhra Pradesh is one of the leading producers of horticultural crops in the country and produces 365.92 lakh tones from 18.23 1akh ha. The state leads in the production of mango, chilli, sweet orange, acid lime, papaya and pomegranate occupies considerable area. Coconut, oil palm, cashew nut are the major plantation crops. The state ranks fourth in production of tapioca and fifth in the production of banana and sapota. Tomato, brinjal, bhendi among vegetables; jasmine, rose, chrysanthemum marigold and tuberose among flowers occupy larger areas. turmeric, coriander, turmeric, ajowan and ginger are the important spices cultivated.

To achieve the objective of developing the horticulture growth engine in the state, new Horticultural university in Andhra Pradesh Horticultural University was established by the Government of Andhra Pradesh by act 30 of 2007 with it headquarter at Venkataramannagudem, Tadepalligudem, West Godavari district. Subsequently by act 13 of 2011, it was renamed as Dr. Y.S.R. Horticultural University. It is the second Horticultural University in the India having 4 accredited constituent Colleges of Horticulture, 4 Horticulture polytechnics, 20 Research stations and 4 Krishi Vigyan Kendra's. The University comprises following Horticultural Colleges viz.,

1) College of Horticulture (COH), Venkataramannagudem, Tadepalligudem-534101, W.G. District
2) College of Horticulture (COH), Anatharajupeta-516105, Annamayya District
3) College of Horticulture (COH), Parvathipuram-535502, Parvathipuram Manyam District
4) College of Horticulture (COH), Chinalataripi-523105, Gudlur Mandal, SPSR Nellore District.

Apart from capacity building, DR YSRHU is also engaged in research studies for several horticultural crops for their improvement, production and protection of in entire state of Andhra Pradesh for boosting the yields and there by technology transfer to the farming community of the state in the areas of crop varieties, plant material supply of newly released varieties, value addition and other horti-techniques. The out come of such research studies are published and disseminated through Research Papers, Journals, and Books.

The university plays a pivotal role in dissemination of Horticultural technology to the farmers, rural youth women and industries in production, post-harvest management and processing of various horticultural crops through Krishi Vigyan Kendra's (Farmer Service Centers) of the University.

Vision, Mission and Goals:

VISION	Development of Horticulture for providing nutritional security to people and increasing the profitability to farmers through the development of appropriate technologies and manpower in the state of Andhra Pradesh
MISSION	To make horticulture a profitable venture through Education, Research and Extension (Human resource development)
GOALS	To train and provide technology based human resources for growth and development of horticulture in the state of Andhra Pradesh. To conduct research on regional specific horticultural programmes and disseminate knowledge to the amateur horticulturists on the technology generated**.**

Objectives of the University:

- Manpower development in relation to the present needs of the horticulture industry.
- Development of technologies for horticultural crops to ensure safety to the consumers, people involved in production and environment.
- Reducing the cost of production through increased efficiency of inputs to enhance the profitability to the growers.
- Minimization of post-harvest losses in horticultural crops. Value addition and export promotion in horticulture.

About College of Horticulture, Venkataramannagudem

The College of Horticulture in Venkataramannagudem, Tadepalligudem, West Godavari District, Andhra Pradesh, is a premier institution dedicated to horticultural education. Established in 2007, it operates under the aegis of Dr. Y.S.R. Horticultural University (Dr. YSRHU). Geographically, it is located at approximately 16.8156° N latitude and 81.5271° E longitude. The college is well-connected by road and is easily accessible from Tadepalligudem Railway Station, which is about 10 km away and the nearest airport is Rajahmundry Airport, located approximately 50 km from the campus. The campus is just 100 km away from capital region of the state of Andhra Pradesh and around 90 km far from Vijayawada airport. It was founded with the objective of enhancing the productivity, sustainability, and commercialization of horticulture in the state.

The college is offering under graduate [B.Sc. (Hons.) Horticulture] and post graduate degree programmes [M.Sc. (Horticulture) and Ph.D. (Horticulture) in the fields of Fruit Science, Vegetable Science, Floriculture & Landscaping, Plantation, Spice, Medicinal and Aromatic Crops, Post-harvest Management, M.Sc. & Ph.D in Plant Pathology and Plant Protection Entomology. The campus is equipped with modern facilities, including well-equipped laboratories, libraries, hostels and research farms, creating a conducive environment for academic and research pursuits in horticulture.

Under graduate students of this campus secured several Junior Research Fellowships (JRF) – and Non-JRF seats for M.Sc. (Horticulture) courses. PG students secured SRF and Non-SRF seats for Ph.D. at various Agricultural Universities across India through the All India Entrance Examination in Agricultural Sciences (AIEEA) conducted by ICAR, New Delhi.

Details of land available in the college

Particulars	Area (ha)
Total land	30.9
Land in possession	30.9
Irrigated land	24.4
Buildings/ roads/ play ground	6.5

Buildings and infrastructure facilities available in the college

Facility	Area (sq. ft.)
Academic buildings	1,45,452
Students' hostels (Boys)	68,792
Students' hostels (Girls)	78,067

Institutional area available in the college

Particulars	No. of units	Plinth Area (sq. ft)
Administrative office	1	3,415
Classrooms	12	17,790
Laboratory	28	30,930
Library	1	3,300
Boys' hostel	2	68,792
Girls' hostel	2	78,067

About College of Horticulture, Anantharajupeta

College of Horticulture, Anantharajupeta, Annamayya District was established during the year, 2007 as a constituent College of Dr. YSRHU to cater the needs of the Rayalaseema region of Andhra Pradesh (A.P). The college campus is spread in a sprawling 100 acres of area at Anantharajupeta village of Railway Kodur (M), Annamayya district of A.P, South India in the Rayalaseema region, right on the Chennai-Hyderabad highway. The campus is just 280 km away from Airport of Chennai or Kurnool airport in AP. The place is blessed with tropical climate with an array of horticultural crops. Hence, it has been popularly called as "**Mecca of Horticulture**" or "**Southern California**" of this region.

The college is offering under graduate [B.Sc. (Hons.) Horticulture] from the year 2007 and post graduate degree programmes [M.Sc. (Horticulture) and Ph.D. (Horticulture)] from 2010 in the fields of Fruit Science, Vegetable Science, Floriculture & Landscaping, Plantation, Spice, Medicinal and Aromatic Crops, Post-Harvest Management, Plant Pathology, Entomology.

Under graduate students of this campus secured several Junior Research Fellowships (JRF) – and Non-JRF seats for M.Sc. (Horticulture) courses. PG students secured SRF and Non-SRF seats for Ph.D. at various Agricultural Universities across India through the All India Entrance Examination in Agricultural Sciences (AIEEA) conducted by ICAR, New Delhi.

Details of the land available in the college

S. No.	Particulars	Area (ha)
1.	Total land	50.0
2.	Land in possession	50.0
3.	Irrigated land	36.04
4.	Land under buildings/ roads/ play ground/ internal roads and structures	13.96

Buildings and infrastructure facilities available in the college

S. No.	Facility	Area (ha)
1.	Academic buildings	4.80 ha
2.	Students' hostel	2.20 ha
3.	Housing for staff	0.80 ha
4.	Play-grounds	2.16 ha
5.	Others (internal roads and structures)	4.0 ha

Academic block:

Vice-Chancellor's Message:

Dear Student,

The Dr. YSR Horticultural University a State-owned University, by the Government of Andhra Pradesh comprises 4 Constituent colleges specializing in capacity-building of professionals in the fields of Horticulture sector and other related areas for promoting the highest standards of professional competence and practice for the technology. It has been accredited with Grade-A by Indian Council of Agricultural Research under the Ministry of Agricultural and Co-operation, Government of India by National Agricultural Education Accreditation Board (ICAR-NAEAB), New Delhi.

Horticultural Science is a body of knowledge, concerned with horticultural crops mainly fruits, vegetables, flowers, plantation, spices, medicinal, aromatic and post- harvest management and value addition of those commercial and economic products through processing technology. It is also evolving new varieties and Horti-techniques which can boost up of the yields of the crops by managing soils without environmental pollution, and irrigation management through reduced wastage by using every drop of water most efficiently. The technologies for mitigating the biotic stress and abiotic stress in the field as well as in controlled conditions of various horticultural crops.

The 4 year Under graduate programme of B. Sc (Hons) Horticulture degree, 2 year Master of Science (Horticulture) degree in the department of Fruit Science, Vegetable Science, Floriculture & Landscaping, Plantation, Spice, Medicinal and Aromatic Crops, Post-harvest Management, M.Sc. in Plant Pathology, Plant Protection Entomology, Genetics and Plant Breeding, Soil Science and Natural farming and 3 year Ph. D degree in respective specialization, provides the students, a required foundation in Horticultural Sciences, it also builds the student in solid manner and takes them through an exciting journey to new and evolving areas of horticultural crop management providing them with a holistic understanding, knowledge and skills in horticulture subject..

The programme sensitizes the participants towards every facet of managerial challenge and offers them an excellent opportunity to rejuvenate by providing an academic, skill oriented, as well as a research-oriented perspective. The curriculum is designed and reviewed periodically by the Academic Council of University as per National level Dean's committee report of Indian Council of Agricultural Sciences, New Delhi, Government of India from time to time as the courses for all the accredited constituent and affiliated colleges of ICAR, New Delhi.

I am hopeful that the students of these programmes will find it exciting knowledge and immense benefit to their work requirements and future career prospects in the field of Horticulture and allied areas.

Dr. K. Gopal
Vice-Chancellor

Members of Board of Management:

Presently the Board of Management is functioning with Ex Officio Members. The Hon'ble Members from other categories are to be nominated by the Chancellor and His Excellency Governor of Andhra Pradesh.

1.	**The Vice-Chancellor,** **Dr. YSRHU,** **Venkataramannagudem,** West Godavari dist. (AP)	**Chairman**
2.	**The Vice-Chancellor,** **Acharya N.G. Ranga Agricultural University** **Lam Farm,** Guntur dist. (AP)	**Member**
3.	**The Vice-Chancellor,** **Sri Venkateswara Veterinary University,** **Tirupati** Balaji District (AP)	**Member**
4.	**The Secretary to Government, Horticulture (Agriculture and Horticulture)** **Government of Andhra Pradesh,** Amaravathi, Andhra Pradesh	**Member**
5.	**The Secretary to Government,** **Finance Department** **Government of Andhra Pradesh,** Amaravathi, Andhra Pradesh	**Member**
6.	**The Commissioner/Director of Horticulture** **Government of Andhra Pradesh,** Amaravathi, Andhra Pradesh	**Member**
7.	**The Registrar, Dr. YSRHU,** **Venkataramannagudem,** West Godavari dist. (AP)	**Ex-officio Non-Member Secretary**

Under Graduate Programs:

B. Sc (Hons)Horticulture

S. No.	Name of the College	Region	Intake	Foreign students (25%)
Dr. YSRHU Constituent college seats:				
I. General Seats				
1.	College of Horticulture, Anantharajupeta, Annamayya Dist. Andhra Pradesh , India	South India	70	18
2.	College of Horticulture, Venkataramannagudem, Tadepalligudem,West Godavari , Andhra Pradesh , India	South India	130	32
3.	College of Horticulture, Parvathipuram, Parvathipuram Manyam Dist. Andhra Pradesh , India	South India	50	13
4.	College of Horticulture, Chinalatarapi, SPSR Nellore Dist. Andhra Pradesh , India	South India	50	12
		Total	**300**	**75**

Post Graduate Programs:

S.No.	Name of the College	Region	Intake	Foreign students (25%)
No of Seats				
1.	College of Horticulture, Anantharajupeta-516105, Annamayya Dist .Andhra Pradesh , India	South India	56	14
2.	College of Horticulture, Venkataramannagudem, Tadepalligudem-534101, West Godavari , Andhra Pradesh , India			
		Total	**56**	**14**

Department & College wise Seats		Intake	Foreign students (25%)
College of Horticulture, Venkataramannagudem, Tadepalligudem-534101, West Godavari , Andhra Pradesh , South India		32	8
1	M.Sc.(Hort) in Fruit Science		
2	M.Sc.(Hort) in Vegetable Science		
3	M.Sc.(Hort) in Floriculture and Land Scaping		
4	M.Sc.(Hort) in Plantation, Spices, Medicinal and Aromatic crops		
5	M.Sc.(Hort) in Post Harvest Management		
6	M.Sc. in Plant Pathology		
7	M.Sc. (Ag) in Plant Protection-Entomology		

College of Horticulture, Anantharajupeta, Annamayya Dist., Andhra Pradesh ,South India		Intake	Foreign students (25%)
1	M.Sc.(Hort) in Fruit Science	24	6
2	M.Sc.(Hort) in Vegetable Science		
3	M.Sc.(Hort) in Floriculture and Land Scaping		
4	M.Sc.(Hort) in Plantation, Spices, Medicinal and Aromatic crops		
5	M.Sc.(Hort) in Post Harvest Management		
6	M.Sc. in Plant Pathology		
7	M.Sc. (Ag)in Plant Protection Entomology		

Doctoral Programs:

S.No.	Name of the College	Region	Intake	Foreign students (25%)
No of Seats College wise				
1.	College of Horticulture, Anantharajupeta-516105, Annamayya Dist .Andhra Pradesh , India	South India	25	7
2.	College of Horticulture, Venkataramannagudem, Tadepalligudem-534101, West Godavari , Andhra Pradesh , India	South India		
		Total	**25**	**7**

No of Seats Department wise		Intake	Foreign students (25%)
College of Horticulture, Venkataramannagudem, West Godavari , Andhra Pradesh , South India			
1	Ph.D (Hort) in Fruit Science	14	4
2	Ph.D (Hort) in Vegetable Science		
3	Ph.D (Hort) in Floriculture and Land Scaping		
4	Ph.D (Hort) in Plantation, Spices, Medicinal and Aromatic crops		
5	Ph.D (Hort) in Post Harvest Management		
6	Ph.D in Plant Pathology		
7	Ph.D in Entomology		
College of Horticulture, Anantharajupeta, Annamayya Dist . Andhra Pradesh , South India		11	3
1	Ph.D (Hort) in Fruit Science		
2	Ph.D (Hort) in Vegetable Science		
3	Ph.D (Hort) in Floriculture and Landscaping		
4	Ph.D (Hort) in Plantation, Spices, Medicinal and Aromatic crops		
5	Ph.D (Hort) in Post Harvest Management		
6	Ph.D in Plant Pathology		
7	Ph.D in Entomology		

Programme Curriculum:

U.G course

The Programme is covered in Eight (8) semesters. It's 24 months comprises classroom teaching and farm-oriented classes of approximately duration of 20 months in a year from 1st semester to 6th semester. The 7th and 8th semester of four months duration is devoted to two components one for skill-oriented modules and another component comprising Internship and Experiential Learning programme for different modules in UG as detailed below.

B.Sc. (Hons.) Horticulture

S. No.	Course Title	Credit Hours	Total Credits
	I Semester		
1	*Deeeksharambh*	2(0+2)	**23** (10+13) + NG (0+2)
2	Fundamentals of Horticulture	3(2+1)	
3	Plant Propagation and Nursery Management of Fruit and Plantation crops	3(1+2)	
4	Commercial production of Flower crops	3(2+1)	
5	Farming Based Livelihood Systems	3(2+1)	
6	Sprinkler and Micro irrigation systems	2(1+1)	
7	Fundamentals of Entomology and nematology	2(1+1)	
8	Communication Skills	2(1+1)	
9	Skill Enhancement Courses (SEC – I)	2(0+2)	
10	Skill Enhancement Courses (SEC – II)	2(0+2)	
11	NSS-I	1(0+1)	

	II – Semester		
1	Introduction to major field crops	3(2+1)	**22** (10+12)
2	Commercial production of spices and plantation crops	3(2+1)	
3	Weed and water management in horticultural crops	2(1+1)	
4	Personality Development	2(1+1)	
5	Entrepreneurship Development and Business Management	3(2+1)	
6	Environmental Studies and Disaster Management	3(2+1)	
7	Principles of IDPM	1(0+1)	
8	Skill Enhancement Courses (SEC- I)	2(0+2)	
	Skill Enhancement Courses (SEC-II)	2(0+2)	
9	NSS-II	1(0+1)	
Post II semester			
Internship (only for exit option for award of UG-Certificate) includes Production of fruits and vegetables etc.			**10**(0+10)10 weeks

	III Semester		
1	Fundamentals of Soil Science	3(2+1)	**24**(14+10) + **3**(2+1) NG
2	Manures and fertilizers	2 (2+0)	
3	Commercial vegetable production	4(3+1)	
4	Precision farming and protected cultivation	**2(1+1)**	
5	Seed production of vegetable, tuber and spice crops.	3(2+1)	
6	Agriculture Marketing and Trade	3(2+1)	
7	Fundamentals of Plant Pathology	3(2+1)	
8	Elementary Mathematics	1(0+1)	
9	Fundamentals of food and nutrition	2 (2+0)	
10	Skill Enhancement Courses (SEC – III)	2(0+2)	
11	Physical education, First aid, Yoga practices and Meditation	2(0+2)	

	IV Semester		
1	Commercial fruit production	4 (3+1)	**24** (14+10)
2	Farm Power and Machinery for Horticulture	3(2+1)	
3	Agricultural informatics and Artificial intelligence	3(2+1)	
4	Urban and Peri Urban Horticulture	2(1+1)	
5	Disease Management of Horticulture crops	3(2+1)	
6	Pest Management of Horticulture crops	3(2+1)	
7	Introductory Agro meteorology and Climate Change	2 (1+1)	
8	Commercial production of medicinal and aromatic crops	2 (1+1)	
9	Skill Enhancement Courses (SEC - IV)	2(0+2)	
Post IV semester			
Internship (only for exit option for award of UG-Diploma) include training on Soil nutrient management.			**10**(0+10) 10 weeks

	V Semester		
1	Principles of genetics	2(2+0)	**23**(14+9) NG 2(0+2)
2	Processing and Value Addition of Horticultural Crops	3(2+1)	
3	Dry land Horticulture	3(2+1)	
4	General microbiology	3(2+1)	
5	Information and Communication Technology in Horticulture	3(1+2)	
6	Introductory Crop Physiology	2(1+1)	
7	Principles of biotechnology	2(1+1)	
8	Pests of field crops and their management	2(1+1)	
9	Basic Statistics and Experimental Designs	3(2+1)	
10	Education Tour	2(0+2)	
11	**Massive Open Online Courses (MOOCs)**	2	

	VI Semester		
1	Introductory Agroforestry	**2(1+1)**	**22** (11+11) **+ NG 1**(0+1)
2	Laboratory Techniques for Horticultural crops	2(0+2)	
3	Principles of biochemistry	**2(1+1)**	
4	Soil Fertility and Nutrient Management	3(2+1)	
5	Fundamentals of plant breeding	**2 (1+1)**	
6	Principles and Practices of Natural Farming	2(1+1)	
7	Horticulture Based Integrated Farming System	2(1+1)	
8	Growth and Development of Horticultural crops	3(2+1)	
9	Fundamentals of Extension Education and Rural Sociology	2(1+1)	
10	Diseases of field crops and their management	2(1+1)	
11	Veterinary Livestock Production and Management	1(0+1)	
	Massive Open Online Courses (MOOCs)	2	

VII Semester		
Fruit science		**20**
Production technology of tropical fruit crops	3 (2+1)	
Production technology of sub tropical and temperate fruit crops	3 (2+1)	
Breeding of fruit crops	3 (2+1)	
Canopy management in fruit crops	3 (2+1)	
Biotechnological approaches and micropropagation in fruit crops	3 (2+1)	
Post harvest management for fruit cops	3 (2+1)	
Vegetable science	3 (2+1)	
Production technology of warm season vegetable crops	3 (2+1)	
Production technology of cool season vegetable crops	3 (2+1)	
Production technology of tuber crops	3 (2+1)	
Breeding of vegetable crops	3 (2+1)	
Biotechnological approaches and micropropagation in vegetable crops	3 (2+1)	
Post harvest management of vegetable cops	3 (2+1)	
Protected cultivation of vegetable crops	3 (2+1)	
Floriculture and landscaping	3 (2+1)	
Turf management	3 (2+1)	
Protected cultivation of flower crops	3 (2+1)	
Value addition in floriculture	3 (2+1)	
Breeding of ornamental crops	3 (2+1)	
Principles of landscape architecture		
Commercial floriculture and landscaping		
Post harvest handling of floriculture crops		

In order to impart sound technical knowledge and skills integrated across major disciplines, the following electives found appropriate, are proposed. Subject matter which was not covered in the courses of first six semesters is included in these electives. 1 Good Horticultural practices 2 Breeding of Horticultural crops 3 Horti-clinic 4 Biological Control, Bio pesticides and Bio fertilizers 5 Biotechnology and micro propagation for Crop Improvement 6 Ornamental Horticulture and Landscaping 7 Agro Chemicals 8 Hi-tech Horticulture 9 Agricultural finance and co-operation 10 Value addition in Flowers and Ornamentals 11 Molecular Aspects of abiotic stress Management in Horticultural Crops 12 Post harvest management of horticultural crops 13 Agricultural microbiology and phytoremediation 14. Economics and Marketing 15. Plant Propagation and Nursery Management in Vegetables, Flowers and Medicinal crops **Massive Open Online Courses (MOOCs)**	 2(1+1) 3(2+1) 1(0+1) 2(1+1) 3(2+1) 3(2+1) 2(1+1) 2(1+1) 2(1+1) 2(1+1) 2(2+0) 3(2+1) 2(1+1) 3(2+1) 3 (1+2) **3**	 **20**

VIII Semester		
Student Ready (RHWEP/ELP / Industrial Attachment/ Project work/ Internship**)** **RHWEP (RURAL HORTICULTURE WORK EXPERIENCE PROGRAMME)** Crop production Plant protection Extension Rural Economics Research station activities **ELP (EXPERIENTIAL LEARNING PROGRAMME)** **Massive Open Online Courses (MOOCs)**	 **10**(0+10) 5 (0+5) 2 (0+2) 1(0+1) 1(0+1) 1(0+1) **10**(0+10) **3**	 **20**

P.G & Doctoral course Structure:

The P G Programme of M. Sc (Horti) degree and allied subject is covered in 4 semesters, comprises classroom teaching and lab oriented classes with credits 1st and 2d semester. In 3rd and 4th semester of four months duration is devoted to Research activity in the selected research programme and submission of thesis. The Doctoral Programme in Horticulture and allied subjects is covered in 6 semesters comprises classroom teaching and lab oriented classes with credits in 1st and 3rd semester and in 4th to 6th semester is devoted to Research activity in the selected research programme and submission of thesis as detailed below.

FRUIT SCIENCE

CODE	COURSE TITLE	CREDITS
M.Sc. (Horticulture) - MAJOR COURSES (20 CREDITS)		
FSC 501*	Tropical fruit production	2+1
FSC 502*	Sub-tropical and temperate fruit production	2+1
FSC 503*	Propagation and nursery management of fruit crops	2+1
FSC 504*	Breeding of fruit crops	2+1
FSC 505	Systematics of fruit crops	2+1
FSC 506	Canopy management of fruit crops	1+1
FSC 507	Growth and development of fruit crops	2+1
FSC 508	Nutrition of fruit crops	2+1
FSC 509	Biotechnology of fruit crops	2+1
FSC 510	Organic fruit culture	2+1
FSC 511	Export oriented fruit production	2+1
FSC 512	Climate change and fruit crops	1+0
FSC 513	Minor fruit production	2+1
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
FSC 591	Master's seminar	0+1
FSC 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D (Horticulture) - MAJOR COURSES (12 CREDITS)		
FSC 601**	Innovative approaches in fruit breeding	3+0
FSC 602**	Modern trends in fruit production	3+0
FSC 603	Recent developments in growth regulation	3+0
FSC 604	Advanced laboratory techniques	1+2
FSC 605	Arid and dry land fruit production	2+0
FSC 606	Abiotic stress management in fruit crops	2+1
FSC 607	Biodiversity and conservation of fruit crops	2+1
FSC 608	Smart fruit production	2+0
	Minor courses	**06**
	Supporting courses	**05**
FSC 691	Doctoral seminar – i	0+1
FSC 692	Doctoral seminar – ii	0+1
FSC 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

*Compulsory for Master's Programme ** Compulsory for Doctoral Programme.

VEGETABLE SCIENCE

CODE	COURSE TITLE	CREDITS
M.Sc. (Horticulture) – MAJOR COURSES (20 CREDITS)		
VSC 501*	Production of cool season vegetable crops	2+1
VSC 502*	Production of warm season vegetable crops	2+1
VSC 503*	Growth and development of vegetable crops	2+1
VSC 504*	Principles of vegetable breeding	2+1
VSC 505	Breeding of self pollinated vegetable crops	2+1
VSC 506	Breeding of cross pollinated vegetable crops	2+1
VSC 507	Protected cultivation of vegetable crops	2+1
VSC 508	Seed production of vegetable crops	2+1
VSC 509	Production of underutilized vegetable crops	2+1
VSC 510	Systematics of vegetable crops	1+1
VSC 511	Organic vegetable production	1+1
VSC 512	Production of spice crops	2+1
VSC 513	Processing of vegetable crops	1+1
VSC 514	Postharvest management of vegetable crops	2+1
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
VSC 591	Master's seminar	0+1
VSC 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D. (Horticulture) – MAJOR COURSES (12 CREDITS)		
VSC 601**	Recent trends in vegetable production	3+0
VSC 602**	Advances in breeding of vegetable crops	3+0
VSC 603	Abiotic stress management in vegetable crops	2+1
VSC 604	Seed certification, processing and storage of vegetable crops	2+1
VSC 605	Breeding for special traits in vegetable crops	2+0
VSC 606	Biodiversity and conservation of vegetable crops	2+1
VSC 607	Biotechnological approaches in vegetable crops	2+1
VSC 608	Advanced laboratory techniques for vegetable crops	1+2
	Minor courses	**06**
	Supporting courses	**05**
VSC 691	Doctoral seminar – i	0+1
VSC 692	Doctoral seminar – ii	0+1
VSC 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

* Compulsory for Master's Programme; **Compulsory for Doctoral Programme.

FLORICULTURE AND LANDSCAPING

CODE	COURSE TITLE	CREDITS
M.Sc.(Horticulture) – MAJOR COURSES (20 CREDITS)		
FLS 501*	Systematics of ornamental plants	2+1
FLS 502*	Breeding of ornamental crops	2+1
FLS 503*	Commercial production of cut flowers	2+1
FLS 504*	Commercial production of loose flowers	2+1
FLS 505*	Ornamental gardening and landscaping	2+1
FLS 506	Indoor plants and interiorscaping	1+1
FLS 507	Nursery management for ornamental plants	2+1
FLS 508	Turf grass management	2+1
FLS 509	Value addition in floriculture	2+1
FLS 510	Protected cultivation of flower crops	2+1
FLS 511	Cad for landscaping	1+2
FLS 512	Seed production in flower crops	1+1
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
FLS 591	Master's seminar	0+1
FLS 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D. (Horticulture) – MAJOR COURSES (12 CREDITS)		
FLS 601**	Crop regulation in ornamental crops	2+1
FLS 602**	Postharvest biology of floricultural crops	2+1
FLS 603	Specialty flowers, fillers and cut greens	1+1
FLS 604	Biotechnological approaches in floricultural crops	2+1
FLS 605**	Advances in landscaping	1+2
FLS 606	Vertical gardening	1+1
FLS 607	Modern approaches in breeding of floricultural crops	2+1
FLS 608	Current trends in production technology of floricultural crops	2+1
FLS 609	Recent developments in protected cultivation of Flolricultural crops	2+1
	Minor courses	**06**
	Supporting courses	**05**
FLS 691	Doctoral seminar – i	0+1
FLS 692	Doctoral seminar – ii	0+1
FLS 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

* Compulsory for Master's Programme; **Compulsory for Doctoral Programme

PLANTATION, SPICES, MEDICINAL AND AROMATIC CROPS

CODE	COURSE TITLE	CREDITS
M.Sc.(Horticulture) – MAJOR COURSES (20 CREDITS)		
PSMA 501*	Production of plantation crops	2+1
PSMA 502*	Production of spice crops	2+1
PSMA 503*	Production of medicinal and aromatic crops	2+1
PSMA 504*	Breeding of plantation and spice crops	2+1
PSMA 505*	Breeding of medicinal and aromatic crops	2+1
PSMA 506	Systematics of plantation and spice crops	2+1
PSMA 507	Systematics of medicinal and aromatic crops	2+1
PSMA 508	Underexploited plantation, spice, medicinal and aromatic Plants	2+0
PSMA 509	Growth and development of plantation, spice, medicinal And aromatic crops	2+1
PSMA 510	Biochemistry of plantation, spice, medicinal and aromatic Crops	2+1
PSMA 511	Biodiversity and conservation of plantation, spice, Medicinal and aromatic crops	2+1
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
PSMA 591	Master's seminar	0+1
PSMA 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D. (Horticulture) – MAJOR COURSES (12 CREDITS)		
PSMA 601**	Advances in production of plantation and spice crops	3+0
PSMA 602**	Advances in production of medicinal and aromatic crops	3+0
PSMA 603**	Recent breeding approaches in plantation, spice, medicinal And aromatic crops	3+0
PSMA 604	Advances in laboratory techniques for plantation, spice, Medicinal and aromatic crops	1+2
PSMA 605	Biotechnological approaches in plantation, spice, medicinal and aromatic crops	3+0
PSMA 606	Abiotic stress management in plantation, spice, medicinal And aromatic crops	2+1
PSMA 607	Organic spice and plantation crops production	2+1
PSMA 608	Marketing and trade of plantation, spice, medicinal and Aromatic crops	2+1
	Minor courses	**06**
	Supporting courses	**05**
PSMA 691	Doctoral seminar – i	0+1
PSMA 692	Doctoral seminar – ii	0+1
PSMA 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

* Compulsory for M. Sc. Programme; ** Compulsory for Doctoral Programme

POST-HARVEST MANAGEMENT

CODE	COURSE TITLE	CREDITS
M.Sc.(Horticulture) - MAJOR COURSES (20 CREDITS)		
PHM 501*	Postharvest management of horticultural produce	2+1
PHM 502*	Postharvest physiology and biochemistry of perishables	2+1
PHM 503	Packaging and storage of fresh horticultural produce	1+1
PHM 504	Packaging and storage of processed horticultural Produce	1+1
PHM 505*	Principles and methods of fruit and vegetable preservation	2+1
PHM 506	Laboratory techniques in postharvest management	1+2
PHM 507*	Processing of horticultural produce	2+2
PHM 508	Quality assurance, safety and sensory evaluation of fresh and processed horticultural produce	2+1
PHM 509	Functional foods from horticultural produce	2+0
PHM 510	Marketing and entrepreneurship in postharvest Horticulture	1+1
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
PHM 591	Master's seminar	0+1
PHM 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D. (Horticulture) – MAJOR COURSES (12 CREDITS)		
PHM 601**	Ripening and senescence of fruits and vegetables	1+1
PHM 602**	Recent trends in food preservation	1+1
PHM 603	Management and utilization of horticultural Processing waste	3+0
PHM 604**	Supply chain management of perishables	2+0
PHM 605	Export oriented horticulture	1+0
PHM 606	Food additives	1+1
PHM 607	Advances in processing of plantation, spices, medicinal and aromatic plants	3+0
PHM 608	Value addition in ornamental crops	1+1
	Minor courses	**06**
	Supporting courses	**05**
PHM 691	Doctoral seminar i	0+1
PHM 692	Doctoral seminar ii	0+1
PHM 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

* Compulsory for Master's Programme; **Compulsory for Doctoral Programme

ENTOMOLOGY

CODE	COURSE TITLE	CREDITS
M.Sc. (Ag) in Plant Protection Entomology MAJOR COURSES (20 CREDITS)		
ENT 501*	Insect morphology	2+1
ENT 502*	Insect anatomy and physiology	2+1
ENT 503*	Insect taxonomy	1+2
ENT 504*	Insect ecology	2+1
ENT 505*	Biological control of insect pests and weeds	2+1
ENT 506*	Toxicology of insecticides	2+1
ENT 507	Host plant resistance	1+1
ENT 508	Concepts of integrated pest management	2+0
ENT 509	Pests of field crops	2+1
ENT 510	Pests of horticultural and plantation crops	2+1
ENT 511	Post harvest entomology	1+1
ENT 512	Insect vectors of plant pathogens	1+1
ENT 513	Principles of acarology	1+1
ENT 514	Vertebrate pest management	1+1
ENT 515	Techniques in plant protection	0+1
ENT 516	Apiculture	2+1
ENT 517	Sericulture	2+1
ENT 518	Lac culture	2+1
ENT 519	Molecular approaches in entomology	2+1
ENT 520	Plant quarantine, biosafety and biosecurity	2+0
ENT 521	Edible and therapeutic insects	1+1
ENT 522	Medical and veterinary entomology	1+1
ENT 523	Forest entomology	1+1
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
ENT 591	Master's seminar	0+1
ENT 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D. in Plant Protection Entomology – MAJOR COURSES (12 CREDITS)		
ENT 601	Insect phylogeny and systematics	1+2
ENT 602	Insect physiology and nutrition	2+1
ENT 603**	Insect ecology and diversity	2+1
ENT 604	Insect behaviour	1+1
ENT 605**	Bio-inputs for pest management	2+1
ENT 606**	Insecticide toxicology and residues	2+1
ENT 607	Plant resistance to insects	1+1
ENT 608	Acarology	1+1
ENT 609	Molecular entomology	1+1
ENT 610	Integrated pest management	2+0
	Minor courses	**06**
	Supporting courses	**05**
ENT 691	Doctoral seminar – i	0+1
ENT 692	Doctoral seminar – ii	0+1
ENT 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

* Compulsory for M. Sc. Programme; ** Compulsory for Doctoral programme

PLANT PATHOLOGY

CODE	COURSE TITLE	CREDITS
M.Sc. in Plant Pathology – M AJOR COURSES (20 CREDITS)		
PL PATH 501*	Mycology	2+1
PL PATH 502*	Plant virology	2+1
PL PATH 503*	Plant pathogenic prokaryotes	2+1
PL PATH 504*	Plant nematology	2+1
PL PATH 505*	Principles of plant pathology	2+1
PL PATH 506*	Techniques in detection and diagnosis of plant Diseases	0+2
PL PATH 507	Principles of plant disease management	2+1
PL PATH 508	Epidemiology and forecasting of plant diseases	1+0
PL PATH 509	Disease resistance in plants	2+0
PL PATH 510	Ecology of soil-borne plant pathogens	1+1
PL PATH 511	Chemicals and botanicals in plant disease Management	2+1
PL PATH 512	Detection and management of seed borne Pathogens	2+1
PL PATH 513	Biological control of plant diseases	1+1
PL PATH 514	Integrated disease management	2+1
PL PATH 515*	Diseases of field and medicinal crops	2+1
PL PATH 516	Diseases of fruits, plantation and ornamental Crops	2+1
PL PATH 517	Diseases of vegetables and spice crops	2+1
PL PATH 518	Post harvest diseases	2+1
PL PATH 519	Plant quarantine and regulatory measures	1+0
	Minor courses	**08**
	Supporting courses	**06**
	Common compulsory courses	**05**
PL PATH 591	Master's seminar	0+1
PL PATH 599	Master's research	0+30
	TOTAL CREDITS	**70**
Ph.D. in Plant Pathology MAJOR COURSES (12 CREDITS)		
PL PATH 601	Advances in mycology	2+1
PL PATH 602	Advances in virology	2+1
PL PATH 603	Advances in plant pathogenic prokaryotes	2+1
PL PATH 604**	Molecular basis of host-pathogen interaction	2+1
PL PATH 605	Principles and procedures of certification	1+0
PL PATH 606	Plant biosecurity and biosafety	2+0
	Minor courses	**06**
	Supporting courses	**05**
PL PATH 691	Doctoral seminar i	0+1
PL PATH 692	Doctoral seminar ii	0+1
PL PATH 699	Doctoral research	0+75
	TOTAL CREDITS	**100**

* Compulsory for M. Sc. Programme; ** Compulsory for Doctoral Programme

MINOR DEPARTMENT COURSES
PLANT PHYSIOLOGY

CODE	COURSE TITLE	CREDITS
PP 501	Principles of plant physiology -i: plant water relations and mineral nutrition	2+1
PP 502	Principles of plant physiology -ii: metabolic processes and growth regulation	2+1
PP 504	Physiological and molecular responses of plants to abiotic stress	2+1
PP 505	Hormonal regulation of plant growth and development	2+1
PP 506	Physiological and molecular mechanisms of mineral nutrient acquisition and their functions	2+1
PP 509	Physiology of horticultural crops	2+0
PP 512	Crop growth regulation and management	2+0
PP 604	Plant phenomics – next generation phenomics platforms	2+0
PP 605	Experimental techniques to characterize plant process for crop improvement	0+2
PP 606	Global climate change and crop response	2+0
PP 607	Physiological and molecular aspects of source-sink capacity for enhancing yield	3+0
PP 610	Weed biology and physiology of herbicide action	2+0

AGRONOMY

CODE	COURSE TITLE	CREDITS
AGRON 501	Modern concepts in crop production	3+0
AGRON 503	Principles and practices of weed management	2+1
AGRON 504	Principles and practices of water management	2+1
AGRON 505	Conservation agriculture	1+1
AGRON 511	Cropping system and sustainable agriculture	2+0
AGRON 513	Principles and practices of organic farming	2+1
AGRON 603	Irrigation management	2+1
AGRON 604	Recent trends in weed management	2+0
AGRON 605	Integrated farming system for sustainable agriculture	2+0
AGRON 606	Soil conservation and water shed management	2+1

SOIL SCIENCE

CODE	COURSE TITLE	CREDITS
SOIL 505	Soil erosion and conservation	2+1
SOIL 508	Soil, water and air pollution	2+1
SOIL 509	Remote sensing and gis technique for soil water and crop studies	2+1
SOIL 511	Management of problem soils and water	2+1
SOIL 512	Land degradation and restoration	1+0
SOIL 513	Soil survey and land use planning	2+0
SOIL 602	Modern concept in soil fertility	2+0
SOIL 606	Soil resource management	3+0
SOIL 609	Recent trends in soil microbial biodiversity	2+1

GENETICS AND PLANT BREEDING

CODE	COURSE TITLE	CREDITS
GPB 503	Fundamentals of quantitative genetics	2+1
GPB 506	Molecular breeding and bioinformatics	2+1
GPB 507	Breeding for quality and special traits	2+1
GPB 509	Hybrid breeding	2+1
GPB 516	Breeding of stress resistance and climate change	2+1
GPB 605	Genomics in plant breeding	3+0
GPB 608	Breeding designer crops	1+1

MOLECULAR BIOLOGY & BIOTECHNOLOGY

CODE	COURSE TITLE	CREDITS
MBB 501	Principles of biotechnology	3+0
MBB 504	Techniques in molecular biology – i	0+3
MBB 508	Introduction to bioinformatics	2+1
MBB 509	Plant tissue culture	2+1
MBB 511	Molecular plant breeding	2+1
MBB 603	Plant omics and molecular breeding	3+0
MBB 604	Commercial plant tissue culture	2+0

SUPPORTING DEPARTMENT COURSES

CODE	COURSE TITLE	CREDITS
STAT 501	Mathematics for applied sciences	2+0
STAT 502	Statistical methods for applied sciences	3+1
STAT 511*	Experimental designs	2+1
STAT 512	Basic sampling techniques	2+1
STAT 521	Applied regression analysis	2+1
STAT 522	Data analysis using statistical packages	2+1
MCA 501	Computer fundamentals and programming	2+1
MCA 502	Computer organization and architecture	2+0
MCA 511	Introduction to networking and internet applications	1+1
MCA 512	Information technology in agriculture	2+0
BIOCHEM 501	Basic biochemistry	3+1
BIOCHEM 505	Techniques in biochemistry	2+2
BIOCHEM 607	Application of techniques in biochemistry	1+2

COMPULSORY COMMON COURSES

(Compulsory for Master's programme in all disciplines; Optional for Ph.D. scholars)

CODE	COURSE TITLE	CREDITS
PGS 501	Library and information services	0+1
PGS 502	Technical writing and communications skills	0+1
PGS 503	Intellectual property rights and its management in agriculture	1+0
PGS 504	Basic concepts in laboratory techniques	0+1
PGS 505	Agricultural research, research ethics and rural development programmes	1+0
PGS 507	Study tour	0+1

Eligibility criteria /Selection Process:

UG PROGRAMME

ELIGIBILITY FOR FOREIGN STUDENTS:

Candidates who possess the following qualifications are eligible to seek admission.

A pass in two year Intermediate Examination or 10+2 stream conducted by or any other examination recognized as equivalent thereto by the University or Board of Intermediate Education with the following subjects namely:

i) Physical Sciences

ii) Biological or Natural Sciences

Criteria for Selection process

The seats are allocated as per UGC, Govt. of India, New Delhi guidelines, based on the A2A portal of ICCR recommendations of the candidates.

PG PROGRAMME

ELIGIBILITY FOR FOREIGN STUDENTS:

Candidates who possess the following qualifications are eligible to seek admission.

1)A pass in Intermediate or 10+2 stream conducted by or any other examination recognized as equivalent there to by the University or Board of Intermediate Education

2) Four year Degree specialization in B. Sc (Hons) Horticulture/B. Sc (Hons) (Agriculture), B.Sc. (Agricultural Sciences), B.Sc. (Agronomy), B.Sc. (Farm Science), B. Sc (Crop science), B.Sc. (Plant Protection) or any other equivalent degree.

Criteria for Selection process

The seats are allocated as per UGC, Govt. of India, New Delhi guidelines, based on the A2A portal of ICCR recommendations of the candidates.

DOCTORAL PROGRAMME

ELIGIBILITY FOR FOREIGN STUDENTS:

Candidates who possess the following qualifications are eligible to seek admission.

1) A pass in Intermediate or 10+2 stream conducted by or any other examination recognized as equivalent there to by the University or Board of Intermediate Education

2) Four year Degree specialization in B.Sc. (Hons) Horticulture/B.Sc. (Hons) (Agriculture)

3) Two year Masters Degree in M.Sc. (Horticulture)/M. Sc (Ag) in the concerned department.

Criteria for Selection process

The seats are allocated as per UGC, Govt. of India, New Delhi guidelines, based on the A2A portal of ICCR recommendations of the candidates.

Program Fees:

UG Program

Year	Institutional Economic fee (US $)	University fee				**Total (US $)**
		Admission fee (US $)	Tuition fee (US $)	Hostel fee (US $)	Other fee (US $)	
1st Year	2,000	11,670	9,440	460	460	**24,030**
2nd Year	2,000	-	9,440	460	460	**12,360**
3rd Year	2,000	-	9,440	460	460	**12,360**
4th Year	2,000	-	9,440	460	460	**12,360**
					Grand Total (US $)	**61,110**

PG Program

Year	Institutional Economic fee (US $)	University fee				**Total (US $)**
		Admission fee (US $)	Tuition fee (US $)	Hostel fee (US $)	Other fee (US $)	
1st Year	2,400	7,920	6360	396	480	**17556**
2nd Year	2,400	-	6360	396	480	**9636**
					Grand Total (US $)	**27192**

DOCTORAL Program

Year	Institutional Economic fee (US $)	University fee				**Total (US $)**
		Admission fee (US $)	Tuition fee (US $)	Hostel fee (US $)	Other fee (US $)	
1st Year	2,400	7,920	6360	396	480	**17556**
2nd Year	2,400	-	6360	396	480	**9636**
3rd year	2400	--	6360	396	480	**9636**
					Grand Total (US $)	**36928**

OUR CAMPUS

LIBRARY

Dr. YSRHU, Library is committed to provide widest possible access to information and this commitment is reflected in the range of services provided by it. The link provided by ICAR through "**CeRA**" is linked to various online databases that are available from any device within the institute network. Library works tirelessly to fulfil its mission to address the interests and need of the institute, students, and participating members by providing and maintaining access to a collection of materials and electronic resources.

Central Library is fully automated and has a collection of over 5158 books on Horticulture, Agriculture, Entomology, Pathology, Soil Science, Bio chemistry, Bio technology, Economics, Statistics, Engineering Computer and etc., in English. The library holds a rich collection of electronic resources which include different type of full-text on-line database(s) related to Horticultural, Social and Management Science covering more than 15 Journals/Periodicals are subscribed for hard copies and E- books on different subjects. The library is also providing different type of services viz circulation, reading facilities, mail alert service, reference and information service, database search service, document delivery, inter library loan, photocopying, orientation programs and Research Assistance Service.

e-Resource	URL
CABONLINE Abstract Services	**www.cabdirect.org**
CONSORTIUM FOR E-RESOUCES IN AGRICULTURE / J-GATE AGRICULTURAL & BIOLOGICAL SCIENCES	**www.jgateplus.com**
CAB E BOOKS	**https://www.cabi.org/cabebooks**
KRISHIKOSH	**krishikosh.egranth.ac.in**
CRC BOOKS	**http://www.crcnetbase.com**
Elsevier e- Books	**www.sciencedirect.com**
ASAP GLOBE	**https://asapglobe.com**
NIPA e-Books	**https://www.nipaers.com**

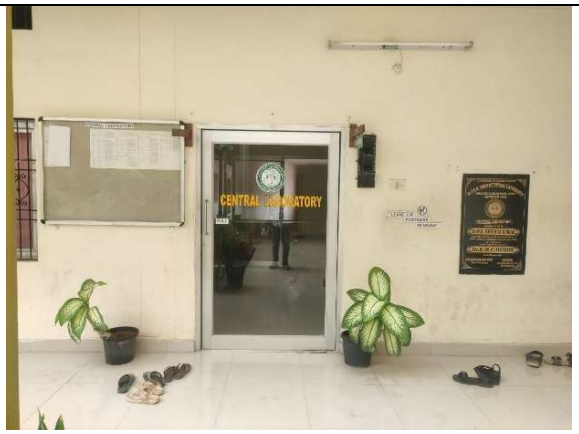
RESIDENTIAL FACILITY

The programme is residential. Appropriate accommodation is provided to the participants of the programme. Colleges have self-contained hostel facilities in two separate blocks for Boys and Girls. Catering, laundry, Gym, Sports, house-keeping and maintenance services have been outsourced and are professionally organized. Mess is compulsory for those Students who are residing in hostel. Self cooking is not allowed in the hostel.

CAMPUS GALLERIA

CLASS ROOM AND LIBRARY FACILITIES

LABORATORY FACILITIES



HOSTELS AND SPORTS FACILITIES

PROGRAM ACTIVITIES:

FACULTY OF COLLEGES

COLLEGE OF HORTICULTURE, VENKATARAMANNAGUDEM

Name of Faculty	Highest Qualification	Experience (Years)
Department of Fruit Science		
Dr. P. Vinay Kumar Reddy	Ph.D. (Hort)	8
Dr. A. Harsha Vardhan	Ph.D. (Hort)	8
Dr J. Omprasad	Ph.D. (Hort)	3
Department of Vegetable Science		
Dr. E.Padma	Ph.D. (Hort)	17
Dr. K. Usha Kumari	Ph.D. (Hort.)	14
Dr. M. Viswanath	Ph.D. (Hort.)	3
Dr. P. Avani	Ph.D. (Hort.)	3
Department of Floriculture and Landscaping		
Dr. A.V.D. Dorajee Rao	Ph.D. (Hort)	23
Dr. T. Suseela	Ph.D. (Hort)	22
Dr Ch Sai Ratna Shravani	Ph.D. (Hort.)	3
Dr P. Pranuthi	Ph.D. (Hort.)	3
Department of Spices, Plantation, Medicinal and Aromatic crops		
Dr Kalpana	Ph.D. (Hort)	23
Dr. T. Ravi Kiran	Ph.D. (Hort.)	3
Dr A. Chandini Raj	Ph.D. (Hort.)	3
Department of Post-harvest Technology		
Dr. V. Sudha Vani	Ph.D. (Hort.)	18
Department of Plant Pathology		
Dr. P. Rama Devi	Ph.D. (Pl. Path.)	23
Dr. S. Narasimha Rao	Ph.D. (Pl. Path.)	15
Dr. J. Divya	Ph.D. (Pl. Path.)	3
Department of Entomology		
Dr. N. Emmanuel	Ph.D. (Ento)	17
Dr. C.P. Viji	Ph. D. (Ento)	16
Dr. Ch. Nalini	Ph. D. (Ento)	3
Department of Plant Physiology, Bio-Chemistry and Micro Biology		
Dr. P. Subbaramamma	Ph.D. (Pl.Phy)	15
Dr. Y. Lakshmi Prasanna	Ph.D. (Pl.Phy)	3

Department of Agronomy and Soil Science		
DR. K Sasikala	Ph.D. (Agro)	18
Dr. U. Shiva Kumar	Ph.D. (Soil Science & Ag. Chemistry)	3
Dr. M. Raghavendra Reddy	Ph.D. (Soil Science & Ag. Chemistry)	3
Department of English, Statistics and Social Sciences		
Dr. K. Uma Krishna	Ph.D. (Stat)	15
Dr. E. Karuna Sree	Ph.D. (Home science)	15
Dr. R.V. Sujatha,	Ph.D. (Agri Econ.)	16
Dr. V. Sekhar	Ph.D. (Ag. Stat.)	3
Dr. K. Archana	Ph.D. (Extn. Education)	
Department of Horticulture Engineering and Environmental Science		
Dr. B. Chennakesavulu	PhD. (Ag.Engg.)	15
Department of Genetics and Plant Breeding		
Dr. M. Paratpara Rao	Ph. D (Pl.Breeding)	15
Dr. K Aruna Kumari	Ph.D. (Ag.Bio-tech.)	3
Dr. K. Sai Rekha	Ph. D (Pl.Breeding)	3

COLLEGE OF HORTICULTURE, ANANTHARAJUPETA

Name of Faculty	Highest Qualification	Experience (Years)
Department of Fruit Science		
Dr. M. Siva Prasad	Ph.D. (Hort.)	21
Dr.K. Venkata Subbaiah	Ph.D. (Hort.)	9
Dr. Y. Pushpavathi	Ph.D. (Hort.)	3
Department of Vegetable Science		
Dr. Syed Sadarunisa	Ph.D. (Hort.)	24
Dr. L. Mukunda Lakshmi	Ph.D. (Hort.)	20
Department of Floriculture and Landscaping		
Dr. P.T. Srinivas	Ph.D. (Hort.)	27
Dr. M Raja Naik	Ph.D. (Hort.)	21
Dr. N. Vinod Kumar	Ph.D. (Hort.)	3
Dr. T. Sumathi	Ph.D. (Hort.)	3
Department of Spices, Plantation, Medicinal and Aromatic crops		
Dr. K. Giridhar	Ph.D. (Hort.)	22
Dr. Asma Siddique	Ph.D. (Hort.)	3
Department of Post-harvest Technology		
Dr. C N Bayyanna	Ph.D. (Hort.)	25
DR. K. Venkata Satish	Ph.D. (Hort.)	3

Department of Entomology		
Dr. M. Ramaiah	Ph.D. (Entomology)	26
Dr. G. Sarada	Ph.D. (Entomology)	16
Dr. A. Nitchala	Ph.D. (Entomology)	3
Department of Plant Pathology		
Dr. C.H. Ruth	Ph.D. (Pl. Pathology)	27
Dr. Y. Sireesha	Ph.D. (Pl. Pathology)	9
Dr. M.Sunil Kumar	Ph.D. (Pl. Pathology)	3
Department of Genetics and Plant Breeding		
Dr. M. Jayaprada	Ph.D. (GPBR)	16
Dr. B. Hari Vara Prasad	Ph.D. (GPBR)	3
Dr. G. Laxmi Devi	Ph.D. (Bio-Technology)	3
Department of Agronomy and Soil Science		
Dr. K. Lalitha	Ph.D. (Agronomy)	16
Dr. Y. Deepthi Kiran	Ph.D. (Agronomy)	9
Dr. Tulasi Rami Reddy	Ph.D. (Soil Sci.& Agri. Chemistry)	3
Dr. Harshitha	Ph.D. (Soil Sci.& Agri. Chemistry)	3
Department of Plant Physiology, Biochemistry and Microbiology		
Dr. V.V. Padmaja	Ph.D. (Pl. Physiology)	16
Dr. P. Sreelatha	Ph.D. (Pl. Physiology)	3
Department of English, Statistics and Social Sciences		
Dr. B. H. Mallikarjuna Reddy	Ph.D. (Statistics)	3
Dr. SB Ramya Laxmi	Ph.D. (Agril. Economics)	3
Dr. T. Surendranath Reddy	Ph.D. (English)	3
Dr. G K Siddeswari	Ph.D. (Extension)	3
Department of Horticultural Engineering and Environmental Science		
Dr. K. Eresh Kumar	Ph. D. (Agril. Engg.)	3

ELECTRONIC FUND TRANSFER DETAILS

Name of the Account	COMPTROLLER
Name of the Bank	UNION BANK OF INDIA
Address of Bank	RAILWAY STATION ROAD, TADEPALLIGUDEM, WEST GODAVARI DIST, ANDHRA PRADESH, SOUTH INDIA PIN-534101
Bank Account No.	055011011002529
IFSC	UBIN0805505
MICR No.	534026131
PAN	AAALD1843N
GSTIN	37 AAALD1843NIZZ

INTERNATIONAL WIRE TRANSFER DETAILS

Name of the Account	COMPTROLLER
Name of the Bank	UNION BANK OF INDIA
Address of Bank	RAILWAY STATION ROAD, TADEPALLIGUDEM, WEST GODAVARI DIST, ANDHRA PRADESH, SOUTH INDIA PIN-534101
Bank Account No.	055011011002529
IFSC	UBIN0805505
MICR No.	534026131
SWIFT Code	UBININBBKAK
For foreign remittance PAN	AAALD1843N
GSTIN	37 AAALD1843NIZZ

Important Dates: (Provided for 2025-26 Academic Year)

UG Programme:(Tentative)

Academic calendar for First Year (2025 admitted batch) 2025-26	
1st semester of 2025-26	
Registration	14-10-2025
Commencement of classes	15-10-2025
Last date of Instruction	13-03-2026
Semester final theory examinations	14-03-2026 to 22-03-2026
Semester break	24-03-2026 to 30-03-2026
2nd semester of 2025-26	
Registration	**01-04-2026**
Commencement of classes	02-04-2026
Summer holidays	**16-05-2026 to 30-05-2026**
Last date of Instruction	26-08-2026
Preparation holiday	27-08-2026
Semester final theory examinations	**28-08-2026 to 03-09-2026**
Semester break	04-09-2026 to 17-09-2026
Registration date for next semester	**18-09-2026**

PG and Ph.D. programme (Tentative)

Activity	Academic Calendar of 2025-26 for M. Sc. & Ph. D. Programme I Year/I Semester
Registration	22-12-2025
Commencement of Instruction	23-12-2025
Last Date of Instruction	18-03-2026
Preparation Holidays	19-03-2026 to 20-03-2026
Semester Final Examinations	21-03-2026 to 04-04-2026
Semester Break	05-04-2026 to 07-04-2026
Commencement of next Semester	08-04-2026

Note: *Students are advised to check the University web site:* www.drysrhu.ap.gov.in *for regular academic calendars from time to time.*

Application FORM:

As available in

Study in India Portal **(Information on e-student visa facility)**

&

ICCR portal (A2A portal)

SCHOLARSHIPS:

The International Fellowships to UG and PG programmes at Agricultural Universities (AUs) of other countries provided through ***Study in India portal.***

1) ASEAN Fellowships
2) ICCR Scholarships
3) COMPEX
4) Scholarship Programme for Diaspora Children (SPDC)
5) Indian Technical & Economic Corporation Programme.

CONTACT DETAILS:

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