

Admission into M.V.Sc course

PROSPECTUS

2022-23

Date of Notification	:	09.03.2023
Last date for receipt of application	:	25.03.2023
Display of eligible list for counseling	:	31.03.2023
Date of counseling for M.V.Sc course	:	11.04.2023
Registration of 1 st semester for M.V.Sc course during the academic year 2022-23	:	17.04.2023



SRI VENKATESWARA VETERINARY UNIVERSITY

Administrative Office, Dr.Y.S.R. Bhavan

TIRUPATI - 517 502

INTRODUCTION

The Andhra Veterinary College was started on 15th July, 1955 at Bapatla. Subsequently, the College was shifted to Tirupati during 1957 under the control of Sri Venkateswara University. Consequent to the formation of A.P. Agricultural University (presently named as Acharya N.G.Ranga Agricultural University), this college came into its fold from July 10, 1964.

The College of Veterinary Science, Tirupati celebrated its Golden Jubilee year during July, 2004-2005. The then Hon'ble Chief Minister, while inaugurating the Golden Jubilee Celebration on 30th September, 2004 announced the formation of Sri Venkateswara Veterinary University at Tirupati by bifurcating ANGRAU. This was done keeping in view the improvement of livestock and aquaculture farming for the overall development of the economy of the farming community of the State. Accordingly the Andhra Pradesh State Government enacted Act.No.18 of 2005 which came into force on June 21, 2005.

The second Veterinary College in the state viz. NTR College of Veterinary Science was started at Gannavaram, Krishna District during the Academic Year 1997-1998 and the third Veterinary College was established at Proddatur, Kadapa District during the academic year 2008-09. The fourth Veterinary College was established at Garividi, Vizianagaram District during the academic year 2020-21.

The Mandate of the University is to strengthen teaching, farmer oriented research and extension activities in Veterinary and allied fields. The university imparts education leading to the award of P.G. degree in the faculty of Veterinary Science in 17 (Seventeen) disciplines.

1. Institutions under S.V.V.U

i) Teaching Institutions:

A) Colleges:

- a) College of Veterinary Science, Tirupati, Tirupati District
- b) NTR College of Veterinary Science, Gannavaram, Krishna District
- c) College of Veterinary Science, Proddatur, Y S R Kadapa District
- d) College of Veterinary Science, Garividi, Vizianagaram District
- e) College of Dairy Technology, Tirupati, Tirupati District.

B) Affiliated College

College of Dairy Technology, Patavala, East Godavari Dist.

In addition of the above colleges, the SVVU also produces AH Diploma holders through eleven (11) Government Animal Husbandry Polytechnics and twelve (12) affiliated Animal Husbandry Polytechnics. Further the University takes up the research activities for the improvement of productivity of livestock, germplasm development etc. through 9 (nine) research institutions at various locations of the state. In addition SVVU has one KVK at Lam, Guntur and CCVEC at Tirupati to carryout extension activities and one Super Specialty Veterinary Hospital at Vizag.

ADMISSIONS

2. Number of seats

Applications are invited from the candidates who appeared in ICAR AIEEA (PG) Entrance Test 2022 belonging to Andhra Pradesh for 85% seats and candidates of both Andhra Pradesh and Telangana for 15% seats. However candidates from Telangana are not eligible for stipend. **The number of seats available in each major field of study are shown in Appendix - II**

3. Qualifications

a) Education

Candidates seeking admission into MVSc must have passed the BVSc & AH examination from any institution accredited by VCI with minimum OGPA of :

6.00/10.00 for general category (for SC/ST/PH: 5.00/10.00)

or

2.50/4.00 for general category (2.00/4.00 for SC/ST/PH)

Or

60% marks in traditional system (for SC/ST/PH : 55%).

Only residents of AP are eligible for admission except in case of ICAR Quota. However, candidates from Telengana and Andhra States may compete for seats under 15% un-reserved quota as per eligibility. Candidates with MVSc qualification are eligible for admission into second PG programme but such candidates are not eligible for stipend. Candidates who are already prosecuting MVSc are eligible to apply for PG admission in another discipline. But stipend paid earlier will be recovered with interest and his/her earlier admission shall stand cancelled irrespective of stage of standing. However such candidates are eligible for stipend in fresh course.

(b) **Age:** The upper age limit is 40 years as on the date of notification

4 **Reservation for Local & Non-Local candidates:** Residence of A.P(AU/SVU) are eligible for the 85% of the available seats. 15% (AU/SVU/OU) of the total seats are earmarked for unreserved category and are allotted to candidates hailing from A.P State and Telengana State. However stipend will be paid to the candidates of A.P State only.

5. Selection

a) Selection Criteria : Selection of candidates for admission into MVSc courses shall be based on ICAR AIEEA (PG)-2022 ranks under the streams of Animal Biotechnology , Animal Science and Veterinary Science streams.

b) Allocation of seat to PG course in different departments shall be done as per the procedure given below:

i) As Number of seats in all departments in each stream put together are small in number, **common roster system for all departments will be followed.**

ii) The seats shall be reserved in favour of SC, ST, BC as follow: 15% to scheduled Caste (SC), 6% to Scheduled Tribes (ST) and 29% to Backward Classes (BC). Reservation to BC will be further divided as follows; BC-A 7%, BC-B 10%, BC-C 1%, BC-D 7% and BC-E 4%.

iii) 33% seats will be reserved for women and 3% of seats to differently – abled candidates (Physically challenged) as per the Government norms.

iv) 10% seats over and above the sanctioned seats are earmarked for EWS as per G.O.Ms.No.60 (BC w(f)) department, Dated: 27.07.2019 & G.O MS.No.39 HE (EC), Dated: 30.07.2019.

v) Note: As it is not possible to represent all social groups/local areas in a single discipline, candidates belonging to different social groups shall be distributed in different major fields of study available in such courses. Reservation for Muslim candidates shall be as per the norms of the AP State Govt.

vi) Candidates applying for admission should appear for counseling at their own cost.

vii) Selected candidates shall have to produce all necessary original certificates including those of educational qualifications, ICAR-AIEEA (PG) 2021 hall ticket and rank card, pay the prescribed fee and register the courses at allotted college on the prescribed date. Failure to do so entails forfeiture of claim for the seat.

viii) **Allocation of seats under special category (Defense personnel -CAP/NCC/ Sports & Games):**
one seat is earmarked on rotation basis from 2016-2017 onwards. It commenced with Defense personnel (CAP) in 2016-17, For 2017-18 (NCC), 2018-19 (Sports & Games), 2019-2020 (CAP), 2020-2021 (NCC) & 2021-22 (Sports & Games) respectively. Hence for 2022-23 it is earmarked for CAP category. If a candidate belonging to said category is not available same shall be allotted to NCC and so on

6. **Enclosures to the application:** The candidates should submit copies of the following certificates along with the application. Documents enclosed to the application shall not be returned. Hence candidates are advised to enclose **only copies of the following certificates.**

a) A counterfoil with self attested UTR No for Rs.1300/- for general category and Rs.650/- for SC/ST/PH category candidates.

b) Memoranda of marks (all years) obtained at the *qualifying (B.VSc & A.H) examination* or transcript and 10th Class/ SSC examinations.

c) **Provisional/Degree certificates** of the qualifying examination.

d) ICAR-AIEEA (PG) Rank card and Admit Card:

- e) **Study Certificates** from the Heads of recognized Institutions from IV class onwards or **Residence Certificate** or a **certificate from the employer** as the case may be (Vide Appendix). Those who have continuously studied in recognized educational institutions should enclose study certificates. Residence Certificates will not be accepted in such cases. Those who have a break in the year of study for reasons other than failure or those who passed the examination by private study should submit residence certificates in the prescribed proforma enclosed in annexure.
- f) **Social Status Certificates** issued by the competent authority in case of candidates belonging to BC/SC/ST. The admissions given under this quota shall be provisional till the genuineness of the social status claim of the candidate is certified by the respective Departments of the Government.
- g) Certificate regarding NCC/ Sports & Games /defense personnel (CAP), from competent authority in case of special category candidates.
- h) **Date of birth** certificate or S.S.C certificate where date of birth is mentioned.
- i) Physical disability certificate, if any (Sadaram)– **Only ortho will be considered as per VCI regulation.**

Note: As per Indian Veterinary Council Act, 1984 (52 of 1984) and VCI MSVE 2016 regulation a candidates shall not be allowed admission to Bachelor of Veterinary Science and Animal husbandry degree course if he or she suffers the following disability namely.

- i) Disability of total body including disability of chest or spine more than 50%
- ii) Disability of lower limbs of more than 50%
- iii) Disability of upper limb
- iv) Visually handicapped candidates and those with hearing disability
- v) Candidates with progressive disease like myopathies etc.
- vi) Disabilities which otherwise would interfere in the performance of the duties of veterinarian.

j) *Nativity and Residence Certificate*

k) *The candidates claiming reservation under EWS category have to enclose certificate as per format in Annexure-I of the application.*

l) Certificate showing the formula for conversion of OGPA/CGPA into marks in respect of candidates who passed their examination from universities other than S.V.Veterinary University and A.N.G.R Agricultural University.

m) 10 +2 (Intermediate) marks memo and

n) Transfer certificate from the institute last studied

Note: All the originals of the above certificates should be produced at the time of counseling

7. The candidates who are selected for admission should submit the following certificates/ documents in **original at the time of admission in addition to the originals of certificates listed above.**

- i) Migration Certificate if the candidates passed qualifying examination from a University other than SVVU.
- ii) Transfer Certificate from the College/Institution where the candidate last studied.

8. Those already employed shall send their applications through their employers so as to reach the University before the last date prescribed. **Applications of employed candidates which are not submitted through employer shall not be considered.**

9. **How to apply:**

The applications shall be downloaded from the University website, www.svvu.edu.in. The downloaded and duly filled in downloaded application along with copies of required certificates and copy of the counterfoil of Registration **Fee paid @ Rs.1300/-, (Rs.650/- in case of SC/ST/PH candidates) exclusive of commission charges of Bank through online preferably in Union Bank of India or any Nationalized bank favouring COMPTROLLER, SVVU, payable at Union Bank of India, Thummalagunta branch, Tirupati, Account No:209810100016530, IFSC Code:UBIN0820989 having UTR No./Transaction ID**, should reach the Registrar, SVVU, Administrative Office, Dr.Y.S.R. Bhavan, Tirupati – 517 502 on or before **25.03.2023** by 4.00 p.m. either in person or by Registered Post with Acknowledgement due. Application received after this due date will summarily be rejected. Candidates who are in employment should send their applications through proper channel. The University is not responsible for any postal delay.

10. The list of eligible candidates for counseling will be displayed on University Website on **31.03.2023.**

11. General

- i. **If a particular course is offered in more than one College, allotment of students to a college shall be based on the local area to which the candidate belongs.** PG students should necessarily complete the PG programme in the College where they joined. However, they can conduct research work elsewhere with the prior permission of the University.
- ii. The PG students should not be on the active rolls of employment of Government or University or any other organization (private or public) while fulfilling the minimum residential requirement of the course.
- iii
 - a. PG students should not register for any other degree/diploma programme concurrently on regular or part-time basis either in this University or in any other University/Educational Institution.
 - b. Those who were withdrawn from M.V.Sc courses in SVVU for not maintaining minimum OGPA and again applying during subsequent years, should appear and seek admission afresh.
 - c. Those who joined M.V.Sc courses in SVVU but could not complete the requirement may appear again for counseling as fresh candidate. However, stipend if any paid earlier shall be recovered in full.
- iv. All admissions shall be deemed as provisional and subject to further scrutiny. The admission shall be liable for cancellation without notice at any stage during the study of the students if it is found that his/her admission is in any way repugnant to the rules/ regulations or invalid by reason of incorrect or false information furnished by the applicants or their parents/guardians at the time of admission. **Any cancellation of admission shall not exclude penal action under the relevant criminal law.**
- v. The University reserves to itself the right to cancel or vary any of these rules without prior notice.
- vi. Based on the ICAR –AIEEA (PG) 2022 ranks a merit list of qualified candidates for Animal Bio-technology, Animal Science and Veterinary Science streams will be prepared and displayed on the university website.
- vii. Counseling will be done for allotment of seats in subjects and college based on the merit in their respective stream and the decision of university is final in this regard.
- viii. The in-service candidates sponsored by Government/Industry are exempted from appearing ICAR-AIEEA (PG) 2022.
- ix. There shall be counseling for the purpose of filling of seats. Allotment of Department and College is purely on merit and first come first served basis.
- x. The candidates selected during 1st counseling including in-service candidates on deputation EOL have to admit themselves on **17.04.2023** failing which his/her admission stands cancelled.
- xi. Candidates shall visit the University website from time to time for the updates and no personal communication shall be sent to the applicants.
- xii. If seats reserved for ST category are not filled up, they shall be open to SC category and vice versa. In the event of candidates from SC & ST are not available these seats shall be allotted to the candidates under open competition. If qualified candidates belonging to BC of particular group are not available the left over seats will be adjusted for the candidates of next group. If qualified candidates belonging to BC are not available to fill up the seats reserved for them, the left over seats shall be allotted to open category.
- xiii. Claims of candidates shall not be considered, if they are absent when called at the time of counseling.
- xiv. If physically challenged category candidates are not available those seats shall be filled as per Government orders.
- xv. **The ICAR seats if remain vacant shall not be filled by University with candidates belonging to AP.**

APPENDIX - I

Reservation of seats in favour of Local/Non Local candidates

(In accordance with the A.P. Educational Institutions (Regulation of Admissions) Order, 1974.)

- A. (i) Admission to 85% of the seats in each major field of study after excluding those reserved for the candidates from outside the State, shall be reserved in favour of and allocated among the **local candidates** in relation to the local area in respect of the **Andhra University** and **Sri Venkateswara University** at the rate of 66 & 34% respectively.
- ii) While determining the number of seats to be reserved in favour of the local candidates under sub para (i) any fraction of a seat shall be counted as one provided that there shall be at least one unreserved seat.
- iii) While allocating under Sub-Para (i) the reserved seats among the local candidates in relation to the different local areas, fraction of seat shall be adjusted by counting the greatest fraction as one and if necessary also the greater of the remaining fractions as another and where the fraction to be so counted cannot be selected by reason of the fractions being equal the selection shall be by lot, provided that there shall be at least one seat allocated for the local candidates in respect of each local area.
- iv) If a local candidate in respect of a local area is not available to fill any seat reserved or allocated in favour of a local candidate in respect of local area, such seat shall be filled as if it had not been reserved.

Local Candidates

1. A candidate for admission to any course of study shall be regarded as a local candidate in relation to a local area:
- a) If he has studied in an educational institution or educational institutions in such local area for a period of not less than four consecutive academic years ending with the academic year in which he appeared or, first appeared in the relevant qualifying examination as the case may be.
- OR**
- b) Where, during the whole or any part of the four consecutive academic year ending with the academic year in which he appeared or, as the case may be, first appeared for the relevant qualifying examination, he has not studied in any educational institution, if he has resided in that local area for a period of not less than four years immediately preceding the date of commencement of the relevant qualifying examination in which he appeared or, first appeared as the case may be.
2. A candidate for admission to any course of study who is not regarded as a local candidate under sub paragraph (i) in relation to any local area shall:
- a) If he has studied in educational institutions in the State for a period of not less than seven consecutive academic years ending with the academic year in which he appeared or, as the case may be, first appeared for the relevant qualifying examination be regarded as a local candidate in relation to;
- i). Such local area where he has studied for the maximum period out of the said period of seven years;
- OR**
- ii) Where the periods of his study in two or more local areas are equal, such local area where he has studied last in such equal periods:
- OR**
- b) If, during the whole or any part of the seven consecutive academic years ending with the academic year in which he appeared or as the case may be, first appeared for the relevant qualifying examination, he has not studied in the educational institutions in any local area, but has resided in the state during the whole of the said period of seven years, be regarded as a local candidate in relation to:

- i) Such local area where he has resided for the maximum period out of the said period of seven years;

OR

- ii) Where the periods of his residence in two or more local areas are equal, such local area where he has resided last in such equal periods.

Explanation: For the purpose of this paragraph.

- i) "Educational institution" means a University or any educational institution recognized by the state Government or a University or other competent authority:
- ii) "Relevant qualifying examination" in relation to admission to any course of study, means the examination a pass in which is minimum educational qualification for admission to such course of study:
- iii) In reckoning the consecutive academic years during which a candidate has studied, any period of interruption of his study by reason of his failure to pass any examination shall be disregarded. Any period of his study in a State-wide University or a State-wide Educational Institution shall also be disregarded:
- iv) The question whether any candidate for admission to any course of study has resided in any local area shall be determined with reference to the places where the candidate actually resided and not with reference to the residence of his parent or other guardian.

Local Area

The part of the State comprising the districts of Srikakulam, Vizianagraram, Vishakhapatnam, West Godavari, East Godavari, Krishna, Guntur and Prakasam shall be regarded as the local area in respect of the **Andhra University**. The part of the State comprising the districts of Anantapur, Kadapa, Kurnool, Chittoor and Nellore shall be regarded as the local area in respect of **Sri Venkateswara University**.

B. The following categories of candidates will be considered against the 15% of the available seats left **unreserved**.

- a) All candidates belonging to different local areas (AU, SVU and OU).
- b) Candidates who have resided in the State for a total period of ten years excluding periods of study outside the State or either of whose parents have resided in the State for ten years excluding period of employment outside the State;
- c) Candidates whose parents are employed by the State or Central Government / Public Sector/ Corporations/ Local Bodies/Universities and similar other Quasi-Government Institutions within the State.
- d) Candidates who are spouses of those employed by the State or Central Government/Public Sector/ Corporations/ Local Bodies/ Universities and similar other Quasi –Government Institutions within the state.
- e) Candidates who are employed by the State, Central Government Undertakings/ Public Institutions within the state.

Note:

- State means Andhra Pradesh
- If the number of available seats does not exceed 3 in a major field, the provisions relating to reservation in favour of local candidates shall not apply.
- In case of candidates who passed B.V.Sc & A.H. from Sri Venkateswara Veterinary University /A.N.G.R. Agril. University only the period of study prior to joining the University will be reckoned for determining the Local/Non-local status of the candidate.

APPENDIX – II

No. of seats in M.V.Sc offered for the Academic year 2022-2023

Sl.No	Major Field of Study	CODE	No. of Seats available	EWS
1	Animal Genetics & Breeding	AGB	6	
2	Animal Nutrition	ANN	4	1
3	Livestock Production Management	LPM	5	1
4	Livestock Products Technology	LPT	4	
5	Poultry Science	PSC	1	1
6	Veterinary Anatomy	VAN	6	
7	Veterinary & Animal Husbandry Extension Education	AHE	5	
8	Veterinary Biochemistry	VBC	4	1
9	Veterinary Gynecology & Obstetrics	VGO	6	
10	Veterinary Medicine	VMD	6	
11	Veterinary Microbiology	VMC	5	1
12	Veterinary Parasitology	VPA	5	
13	Veterinary Pathology	VPP	5	1
14	Veterinary Pharmacology & Toxicology	VPT	1	1
15	Veterinary Physiology	VPY	4	
16	Veterinary Public Health & Epidemiology	VPE	4	
17	Veterinary Surgery & Radiology	VSR	9	1
		TOTAL	80	8

* CAP (Veterinary Gynaecology and Obstetrics)

M.V.Sc Seats offered for candidate sponsored by Industries

- 4 (Four) M.V.Sc seats over and above the regular seats are allotted for candidates sponsored by Industries in all the PG disciplines put together.
- Each industry can sponsor only one candidate and they are exempted from appearing ICAR-AIEEA(PG).
- The applicant should have minimum of 2 years of experience in sponsoring industry and evidence of salary particulars with bank statement and proof of filing of IT returns of at least two financial years should be enclosed.
- If these seats are not filled up, they shall not be converted into fresh/in service quota
- The fee per semester shall be Rs.15,000/- for industry sponsored candidates besides fee applicable to regular candidates
- They are not eligible for stipend.

APPENDIX - III

FEES: The following fees shall be payable by the candidates selected for admission into M.V.Sc course for the Academic Year 2022-2023

		Amount (Rs.)
	At the time of admission	
1.	Admission fee	785
2.	Identity Card	70
3.	Student Welfare Fund	325
4.	Laboratory Deposit (Refundable)	1715
5.	Library Deposit (Refundable)	1715
	Semester Fee (Payable for each semester)	
6.	Registration Fee (per semester)	570
7.	Tuition Fee M.V.Sc (per semester)	6600
8.	Late Registration fee 2 nd , 3 rd , 4 th , 5 th , 6 th , 7 th , 8 th , 9 th and 10 th day is fees+Rs.100/-, 200/-,300/-, 400/-, 500/-, 600/-, 700/-, 800/-& 900/- respectively	
9.	Laboratory Fee (Per Semester)	2665
10.	Library Fee (Per Semester)	865
11.	Examination Fee (Per Semester)	840
12.	Examination stationary fee	840
13.	Sports & Games (Per Semester)	470
14.	Medical Fee (Per Semester)	345
	Annual Fee	
15.	Inter-college/Inter-University Sports/Cultural meet Fee	1145(per annum)
16.	College Magazine & Student Activities	910 (per annum)
17.	Student Health Care schemes	950 (per annum)
18.	Red Cross Society	10 (per annum)
	Other Fee	
19.	Thesis Evaluation Fee (Payable during the final semester)	2175
20.	Alumni Fee (in the final semester of study) – (only for First time admission in SVVU)	935
21.	Transcript & Provisional Certificate	470
22.	Migration Certificate	625
23.	Seat Cancellation fee	Rs. 4135 (SC & ST for Rs. 2090)
	Hostel Fee	
24.	Hostel Deposit (Refundable)	8495
25.	Mess Deposit (Refundable)	8495
26.	Room Rent (Per Semester)	1625
27.	Hostel Establishment charges (per Head/per month)	530

Note:

- a) Other fee for certificates etc. shall be common for both UG & PG courses

SRI VENKATESWARA VETERINARY UNIVERSITY, TIRUPATI
MVSc ADMISSIONS FOR THE YEAR 2022-23

Allocation of Seat under Special Category CAP

Sl.No	Major Field	No of Seat
1	Veterinary Gynaecology and Obstetrics	1*

AREA WISE ALLOCATION OF MVSc SEATS IN EACH MAJOR FIELD

Sl.No	MAJOR FIELD	NO. OF SEATS	85% OF SEATS	AU 66%	SVU 34%	UR 15%	EWS
		(A)	(B)	(C)	(D)	(E)	
1	AGB	6	5	3	2	1	-
2	ANN	4	4	3	1	-	1
3	LPM	5	4	3	1	1	1
4	LPT	4	4	3	1	-	1
5	PSC	1	-	-	-	1	-
6	VAN	6	5	3	2	1	-
7	AHE	5	4	3	1	1	-
8	VBC	4	4	2	2	-	1
9	VGO	6	5	3	2	1	-
10	VMD	6	5	3	2	1	-
11	VMC	5	4	3	1	1	1
12	VPA	5	4	3	1	1	1
13	VPP	5	4	3	1	1	1
14	VPT	1	-	-	-	1	-
15	VPY	4	4	3	1	-	1
16	VPE	4	4	2	2	-	-
17	VSR	9	8	5	3	1	-
	Total	80	68	45	23	12	8

NOTE: C(AU)=66% OF B, D(SVU)=34% OF B, E(UR)=A-B OR A-(C+D)

LOCAL AREA WISE RESERVATION IS APPLICABLE ONLY IF NO. OF SEATS EXCEED **THREE**

PHYSICALLY CHALLENGED 3% RESERVATION AS PER GOVT NORMS

1* - CAP

SOCIAL STATUS WISE ALLOCATION OF MVSc SEATS IN EACH LOCAL AREA 2022 -23

		AU	SVU	UR	TOTAL
SC	15%	7	3	2	12
ST	6%	3	1	1	5
BC-A	7%	3	2	1	6
BC-B	10%	4	2	1	7
BC-C	1%	1	-	-	1
BC-D	7%	3	2	1	6
BC-E	4%	2	1	-	3
OC	50%	22	12	6	40
TOTAL SEATS FOR EACH AREA		45	23	12	80
EWS 10% (Over & above)		5	2	1	8

SRI VENKATESWARA VETERINARY UNIVERSITY

AREA AND SOCIAL STATUS WISE ALLOCATION OF SEATS FOR DIFFERENT MAJOR FIELD IN MVSc COURSE DURING THE ACADEMIC YEAR 2022-23

Major Field	AU									SVU									UR									TOTAL									Grand Total							
	OC	BC					SC	ST	EWS	OC	BC					SC	ST	EWS	OC	BC					SC	ST	EWS																	
		A	B	C	D	E					A	B	C	D	E					A	B	C	D	E				A	B	C	D	E												
AGB	1				1w		1w			1PH						1										1+1PH	1	-	-	1	-	1w	1	-	6									
ANN	1+1w						1		1		1	w														1+1w	1w	-	-	-	-	1	-	1	4+1EWS									
LPM	1		1				1				1w					1	1w									1+1w	-	1+1	w	-	-	1	-	1	5+1EWS									
LPT	1						1	1	1	1w																1+1w	-	-	-	-	1	1	1	4+1EWS										
PSC																		1								-	-	1	-	-	-	-	-	1										
VAN	1					1	1w			1	+1w								1							2+1w	-			1	1	1w	-	-	6									
AHE	1+1w		1										1							1	w					1+1w	-	1		1	-	1w	-	-	5									
VBC	1w	1							1w	1					1											1+1w	1	-	-	-	1	-	1w	4+1EWS(w)										
VGO	1+1*					1								1			1w									1+1w+	1	-	-	1w	1	-	-	5+1*										
VMD	1	1	w		1					1	+1w								1							2+1w	1w	-		1	-	1	-	-	6									
VMC	1+1w							1				1				1w	1PH									1+1w+	-	1	-	-	-	1	1w	5+1EWS(w)										
VPA	1+1w		1						1				1	w			1									2+1w	-	1		1	-	-	1	5+1EWS										
VPP	1w	1					1			1											1	w	1			1+1w	1	-	-	-	1	1w	1	5+1EWS										
VPT																	1									1	-	-	-	-	-	-	-	1										
VPY	1		1	w					1w	1				1													2	-	1w	-	1	-	-	1w	4+1EWS(w)									
VPE	1w				1			1w		1																1+1w	-	-		1	-	-	1w	-	4									
VSR	2+1w			1			1			1	+1w				1	w		1								4+2w	-	-	1	-	-	1+1	w	-	9									
TOTAL	13+8w+1CAP	2+1w	3+1w	1	2+1w	1+1w	5+2w	2+1w	3+2w	1PH+7+4w	1+1w	1+1w	-	1+1w	1	2+1w	1	1+1w	3+2w+1PH	1	1	-	1	-	1+1w	1	1	1	1	1	1	1	1	1	23+2PH+1CAP+14w	4+2w	5+2w	1	4+2w	2+1w	8+4w	3+2w	5+3w	79+*1CAP+8EWS