



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY
& ADVANCED STUDIES (VISTAS)

(DEEMED TO BE UNIVERSITY Estd. u/s 3 OF THE UGC ACT, 1956)

NAAC ACCREDITED
PALLAVARAM - CHENNAI - INDIA

School of Education



Brochure

(Programme and Courses offered)

2019-2020

PV Vaithiyalingam Road, Velan Nagar, Pallavaram, Chennai - 600117.

Phone: + 91 - 44 - 2266 2500 / 2501 / 2502 / 2503

Website: www.velsuniv.ac.in

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Tamil Nadu 600117**

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About the School

School of Education was instituted in VISTAS in the year 2016 with the clear vision of promoting excellence in Teacher Education at different levels like B.Ed., M.Ed., M.Phil and Ph.D. To start with, the School of Education has initiated two courses viz. (1) B.Ed. (Two Years) and (2) B.Sc, B.Ed., (Four Year-Integrated) after getting formal recognition and approval from the National Council for Teacher Education. These two courses will start to function from the current Academic Year 2016-2017. The Course Structure and Curriculum for B.Ed. (Two Years) for all Optional Subjects (Pedagogy) and B.Sc, B.Ed., Four Year Integrated with Optional Subjects (Pedagogy) (i) Physics, Chemistry and Mathematics (PCM) and (ii) Chemistry, Botany and Zoology (CBZ) are designed as per the NCTE Norms/ Framework. The courses will follow Semester System as per the regulations of VISTAS. These courses will be handled by the qualified faculties who have been appointed for the purpose. The adequate infrastructure facilities have been provided to create a conducive academic ambiance to the student teachers.

PROGRAMMES OFFERED

SCHOOL OF EDUCATION

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|--------------------|-----|-----------------------|
| 1. B.Sc., B.Ed. | ... | 4 years (8 semesters) |
| 2. B.Ed. | ... | 2 years (4 semesters) |
| 3. Ph.D. Education | ... | 3 Years |

Academic Year**2019- 2020**

| Programme Name | Course Code | Subject Name |
|----------------------------|--------------------|--|
| B.Ed. - Biological Science | 16CBED14 | Pedagogy of Biological Science - I |
| | 16GCED11 | Education in Contemporary India |
| | 16GCED12 | Developmental Stages of Learner |
| | 16GCED13 | Teaching and Learning - I |
| | 16GCED14 | Planning for Assessment and Evaluation |
| | 16GCED15 | Educational Management |
| | 16GEVS16 | Environmental Education |
| | 16CBED24 | Pedagogy of Biological Science - II |
| | 16GCED21 | Psychological Perspectives of Learners |
| | 16GCED22 | Teaching and Learning - II |
| | 16GCED23 | Educational Measurement |
| | 16GCED24 | Information and Communication Technology (ICT) |
| | 16GCED25 | Health, Physical Fitness and Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |
| | 16GPED21 | Practical - Education - I |
| | 16CBED34 | Pedagogy of Biological Science - III |
| | 16CBED44 | Pedagogy of Biological Science - IV |
| | 16GCED41 | Gender and Issues in Education |
| | 16GCED42 | Knowledge and Curriculum |
| | 16GCED43 | Inclusive Education |
| | 16GCED44 | Communication Skills |
| | 16GCED45 | Drama and Art in Education |
| | 16GCED46 | Guidance and Counseling |
| | 16GEED41 | Introduction to Educational Research |
| | 16GEED42 | Human Rights and Duties Education |
| | 16GEED43 | Curriculum Development |
| | 16GEED44 | Understanding the Self |
| | 16GEED45 | Management of Learning Disabilities |
| | 16GPED41 | Practical - Education - II |
| B.Ed. - Chemistry | 16CBED15 | Pedagogy of Physical Science - I |
| | 16GCED11 | Education in Contemporary India |
| | 16GCED12 | Developmental Stages of Learner |
| | 16GCED13 | Teaching and Learning - I |
| | 16GCED14 | Planning for Assessment and Evaluation |
| | 16GCED15 | Educational Management |
| | 16GEVS16 | Environmental Education |
| | 16CBED25 | Pedagogy of Physical Science - II |
| | 16GCED21 | Psychological Perspectives of Learners |
| | 16GCED22 | Teaching and Learning - II |
| | 16GCED23 | Educational Measurement |
| | 16GCED24 | Information and Communication Technology (ICT) |

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| | 16GCED25 | Health, Physical Fitness And Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |
| | 16GPED21 | Practical - Education - I |
| | 16CBED35 | Pedagogy of Physical Science - III |
| | 16CBED45 | Pedagogy of Physical Science - IV |
| | 16GCED41 | Gender and Issues in Education |
| | 16GCED42 | Knowledge and Curriculum |
| | 16GCED43 | Inclusive Education |
| | 16GCED44 | Communication Skills |
| | 16GCED45 | Drama and Art in Education |
| | 16GCED46 | Guidance and Counseling |
| | 16GEED41 | Introduction to Educational Research |
| | 16GEED42 | Human Rights and Duties Education |
| | 16GEED43 | Curriculum Development |
| | 16GEED44 | Understanding The Self |
| | 16GEED45 | Management of Learning Disabilities |
| | 16GPED41 | Practical - Education - II |
| B.Ed. - Commerce | 16CBED17 | Pedagogy of Commerce - I |
| | 16GCED11 | Education in Contemporary India |
| | 16GCED12 | Developmental Stages of Learner |
| | 16GCED13 | Teaching and Learning - I |
| | 16GCED14 | Planning for Assessment and Evaluation |
| | 16GCED15 | Educational Management |
| | 16GEVS16 | Environmental Education |
| | 16CBED27 | Pedagogy of Commerce and Accountancy- II |
| | 16GCED21 | Psychological Perspectives of Learners |
| | 16GCED22 | Teaching and Learning - Ii |
| | 16GCED23 | Educational Measurement |
| | 16GCED24 | Information And Communication Technology (ICT) |
| | 16GCED25 | Health, Physical Fitness and Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |
| | 16GPED21 | Practical - Education - I |
| | 16CBED37 | Pedagogy of Commerce and Accountancy- III |
| | 16CBED47 | Pedagogy of Commerce and Accountancy- IV |
| | 16GCED41 | Gender and Issues in Education |
| | 16GCED42 | Knowledge and Curriculum |
| | 16GCED43 | Inclusive Education |
| | 16GCED44 | Communication Skills |
| | 16GCED45 | Drama and Art in Education |
| | 16GCED46 | Guidance and Counseling |
| | 16GEED41 | Introduction to Educational Research |
| | 16GEED42 | Human Rights and Duties Education |

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| | 16GEED43 | Curriculum Development | |
| | 16GEED44 | Understanding The Self | |
| | 16GEED45 | Management of Learning Disabilities | |
| | 16GPED41 | Practical - Education - II | |
| B.Ed. - Computer Science | 16CBED18 | Pedagogy of Computer Science - I | |
| | 16GCED11 | Education in Contemporary India | |
| | 16GCED12 | Developmental Stages of Learner | |
| | 16GCED13 | Teaching and Learning - I | |
| | 16GCED14 | Planning for Assessment and Evaluation | |
| | 16GCED15 | Educational Management | |
| | 16GEVS16 | Environmental Education | |
| | 16CBED28 | Pedagogy of Computer Science - II | |
| | 16GCED21 | Psychological Perspectives of Learners | |
| | 16GCED22 | Teaching and Learning - II | |
| | 16GCED23 | Educational Measurement | |
| | 16GCED24 | Information and Communication Technology (ICT) | |
| | 16GCED25 | Health, Physical Fitness and Yoga | |
| | 16GCED26 | Disabilities and Special Education | |
| | 16GCED27 | Peace and Value Education | |
| | 16GPED21 | Practical - Education - I | |
| | 16CBED38 | Pedagogy of Computer Science - III | |
| | 16CBED48 | Pedagogy of Computer Science - IV | |
| | 16GCED41 | Gender and Issues in Education | |
| | 16GCED42 | Knowledge and Curriculum | |
| | 16GCED43 | Inclusive Education | |
| | 16GCED44 | Communication Skills | |
| | 16GCED45 | Drama and Art in Education | |
| | 16GCED46 | Guidance and Counseling | |
| | 16GEED41 | Introduction to Educational Research | |
| | 16GEED42 | Human Rights and Duties Education | |
| | 16GEED43 | Curriculum Development | |
| | 16GEED44 | Understanding the Self | |
| | 16GEED45 | Management of Learning Disabilities | |
| | 16GPED41 | Practical - Education - II | |
| | B.Ed. - English | 16CBED12 | Pedagogy of English - I |
| | | 16GCED11 | Education in Contemporary India |
| 16GCED12 | | Developmental Stages of Learner | |
| 16GCED13 | | Teaching and Learning - I | |
| 16GCED14 | | Planning for Assessment and Evaluation | |
| 16GCED15 | | Educational Management | |
| 16GEVS16 | | Environmental Education | |
| 16CBED22 | | Pedagogy of English - II | |
| 16GCED21 | | Psychological Perspectives of Learners | |
| 16GCED22 | | Teaching and Learning - II | |
| 16GCED23 | | Educational Measurement | |
| 16GCED24 | | Information and Communication Technology (ICT) | |

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| | 16GCED25 | Health, Physical Fitness and Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |
| | 16GPED21 | Practical - Education - I |
| | 16CBED32 | Pedagogy of English - III |
| | 16CBED42 | Pedagogy of English - IV |
| | 16GCED41 | Gender and Issues in Education |
| | 16GCED42 | Knowledge and Curriculum |
| | 16GCED43 | Inclusive Education |
| | 16GCED44 | Communication Skills |
| | 16GCED45 | Drama and Art in Education |
| | 16GCED46 | Guidance and Counseling |
| | 16GEED41 | Introduction to Educational Research |
| | 16GEED42 | Human Rights and Duties Education |
| | 16GEED43 | Curriculum Development |
| | 16GEED44 | Understanding the Self |
| | 16GEED45 | Management of Learning Disabilities |
| | 16GPED41 | Practical - Education - II |
| B.Ed. - History | 16CBED16 | Pedagogy of History |
| | 16GCED11 | Education in Contemporary India |
| | 16GCED12 | Developmental Stages of Learner |
| | 16GCED13 | Teaching and Learning - I |
| | 16GCED14 | Planning for Assessment and Evaluation |
| | 16GCED15 | Educational Management |
| | 16GEVS16 | Environmental Education |
| | 16CBED26 | Pedagogy of History - II |
| | 16GCED21 | Psychological Perspectives of Learners |
| | 16GCED22 | Teaching and Learning - II |
| | 16GCED23 | Educational Measurement |
| | 16GCED24 | Information and Communication Technology (ICT) |
| | 16GCED25 | Health, Physical Fitness and Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |
| | 16GPED21 | Practical - Education - I |
| | 16CBED36 | Pedagogy of History - III |
| | 16CBED46 | Pedagogy of History - IV |
| | 16GCED41 | Gender and Issues in Education |
| | 16GCED42 | Knowledge and Curriculum |
| | 16GCED43 | Inclusive Education |
| | 16GCED44 | Communication Skills |
| | 16GCED45 | Drama and Art in Education |
| | 16GCED46 | Guidance and Counseling |
| | 16GEED41 | Introduction to Educational Research |
| | 16GEED42 | Human Rights and Duties Education |
| | 16GEED43 | Curriculum Development |
| | 16GEED44 | Understanding the Self |
| | 16GEED45 | Management of Learning Disabilities |

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| | 16GPED41 | Practical - Education - II |
| B.Ed. - Mathematics | 16CBED13 | Pedagogy of Mathematics - I |
| | 16GCED11 | Education in Contemporary India |
| | 16GCED12 | Developmental Stages of Learner |
| | 16GCED13 | Teaching and Learning - I |
| | 16GCED14 | Planning for Assessment and Evaluation |
| | 16GCED15 | Educational Management |
| | 16GEVS16 | Environmental Education |
| | 16CBED23 | Pedagogy of Mathematics - II |
| | 16GCED21 | Psychological Perspectives of Learners |
| | 16GCED22 | Teaching And Learning - II |
| | 16GCED23 | Educational Measurement |
| | 16GCED24 | Information And Communication Technology (ICT) |
| | 16GCED25 | Health, Physical Fitness and Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |
| | 16GPED21 | Practical - Education - I |
| | 16CBED33 | Pedagogy of Mathematics - III |
| | 16CBED43 | Pedagogy of Mathematics - IV |
| | 16GCED41 | Gender and Issues in Education |
| | 16GCED42 | Knowledge and Curriculum |
| | 16GCED43 | Inclusive Education |
| | 16GCED44 | Communication Skills |
| | 16GCED45 | Drama and Art In Education |
| | 16GCED46 | Guidance and Counseling |
| | 16GEED41 | Introduction To Educational Research |
| | 16GEED42 | Human Rights and Duties Education |
| | 16GEED43 | Curriculum Development |
| | 16GEED44 | Understanding the Self |
| | 16GEED45 | Management of Learning Disabilities |
| | 16GPED41 | Practical - Education - II |
| B.Ed. - Physics | 16CBED15 | Pedagogy of Physical Science - I |
| | 16GCED11 | Education in Contemporary India |
| | 16GCED12 | Developmental Stages of Learner |
| | 16GCED13 | Teaching and Learning - I |
| | 16GCED14 | Planning for Assessment and Evaluation |
| | 16GCED15 | Educational Management |
| | 16GEVS16 | Environmental Education |
| | 16CBED25 | Pedagogy of Physical Science - II |
| | 16GCED21 | Psychological Perspectives of Learners |
| | 16GCED22 | Teaching and Learning - II |
| | 16GCED23 | Educational Measurement |
| | 16GCED24 | Information and Communication Technology (ICT) |
| | 16GCED25 | Health, Physical Fitness and Yoga |
| | 16GCED26 | Disabilities and Special Education |
| | 16GCED27 | Peace and Value Education |

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| | 16GPED21 | Practical - Education - I | |
| | 16CBED35 | Pedagogy of Physical Science - III | |
| | 16CBED45 | Pedagogy of Physical Science - IV | |
| | 16GCED41 | Gender and Issues in Education | |
| | 16GCED42 | Knowledge and Curriculum | |
| | 16GCED43 | Inclusive Education | |
| | 16GCED44 | Communication Skills | |
| | 16GCED45 | Drama and Art in Education | |
| | 16GCED46 | Guidance and Counseling | |
| | 16GEED41 | Introduction to Educational Research | |
| | 16GEED42 | Human Rights and Duties Education | |
| | 16GEED43 | Curriculum Development | |
| | 16GEED44 | Understanding the Self | |
| | 16GEED45 | Management of Learning Disabilities | |
| | 16GPED41 | Practical - Education - II | |
| B.Ed. - Tamil | 16CBED11 | Pedagogy of Tamil - I | |
| | 16GCED11 | Education in Contemporary India | |
| | 16GCED12 | Developmental Stages of Learner | |
| | 16GCED13 | Teaching and Learning - I | |
| | 16GCED14 | Planning for Assessment and Evaluation | |
| | 16GCED15 | Educational Management | |
| | 16GEVS16 | Environmental Education | |
| | 16CBED21 | Pedagogy of Tamil - II | |
| | 16GCED21 | Psychological Perspectives of Learners | |
| | 16GCED22 | Teaching and Learning - II | |
| | 16GCED23 | Educational Measurement | |
| | 16GCED24 | Information And Communication Technology (ICT) | |
| | 16GCED25 | Health, Physical Fitness and Yoga | |
| | 16GCED26 | Disabilities and Special Education | |
| | 16GCED27 | Peace and Value Education | |
| | 16GPED21 | Practical - Education - I | |
| | 16CBED31 | Pedagogy of Tamil - III | |
| | 16CBED41 | Pedagogy of Tamil - IV | |
| | 16GCED41 | Gender and Issues in Education | |
| | 16GCED42 | Knowledge and Curriculum | |
| | 16GCED43 | Inclusive Education | |
| | 16GCED44 | Communication Skills | |
| | 16GCED45 | Drama and Art in Education | |
| | 16GCED46 | Guidance and Counseling | |
| | 16GEED41 | Introduction to Educational Research | |
| | 16GEED42 | Human Rights and Duties Education | |
| | 16GEED43 | Curriculum Development | |
| | 16GEED44 | Understanding the Self | |
| | 16GEED45 | Management of Learning Disabilities | |
| | 16GPED41 | Practical - Education - II | |
| | B.Sc. B.Ed. - Physics chemistry and Mathematics | 16CIED11 | Developmental Stages of Learner |
| | | 16CIED12 | Chemistry - I |

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| 16EIED11 | Physics - I |
| 16EIED12 | Mathematics - I |
| 16EIED13 | Botany - I |
| 16EIED14 | Zoology - I |
| 16GEVS13 | Environmental Education |
| 16IEED11 | English |
| 16IHED11 | Hindi |
| 16PIED11 | Practical - Physics - I |
| 16PIED12 | Practical - Chemistry - I |
| 16TIED11 | Tamil |
| 16CIED21 | Psychological Perspectives of Learners |
| 16CIED22 | Health, Physical Fitness and Yoga |
| 16CIED23 | Chemistry - II Metallurgy and Chemistry of Non-Metals |
| 16EIED21 | Physics - II - Acoustics, Thermal and Statistical Physics |
| 16EIED22 | Mathematics - II Differential Calculus |
| 16EIED23 | Mathematics - III Classical Algebra |
| 16IEED21 | English - II |
| 16IHED21 | Hindi - II |
| 16PIED21 | Practical - Physics - II |
| 16PIED22 | Practical - Chemistry - II |
| 16PIED25 | Practical - Education - I |
| 16TIED21 | Tamil - II |
| 16CIED31 | Education in Contemporary India |
| 16CIED32 | Teaching and Learning - Part I |
| 16CIED33 | Chemistry - III Chemical Kinetics And Phase Rule |
| 16EIED31 | Physics - III Electricity And Magnetism |
| 16EIED32 | Mathematics - IV Differential Equations |
| 16EIED33 | Mathematics - V Algebraic Structures |
| 16IEED31 | English - III |
| 16IHED31 | Hindi - III |
| 16PIED31 | Practical - Physics - III |
| 16PIED32 | Practical - Chemistry - III |
| 16TIED31 | Tamil - III |
| 16CIED41 | Teaching and Learning - Part II |
| 16CIED42 | Information and Communication Technology (ICT) |
| 16CIED43 | Chemistry - IV Molecular Rearrangements and Stereo Chemistry |
| 16EIED41 | Physics - IV Analog Electronics |
| 16EIED42 | Mathematics - VI Integral Calculus And Laplace Transforms |
| 16EIED43 | Mathematics - VII Real Analysis |
| 16IEED41 | English - IV |
| 16IHED41 | Hindi - IV |
| 16PIED41 | Practical - Physics - IV |

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| | 16PIED42 | Practical - Chemistry - IV |
| | 16PIED45 | Practical - Education - II |
| | 16TIED41 | Tamil - IV |
| | 16CIED51 | Planning for Assessment and Evaluation |
| | 16CIED52 | Pedagogy of Physical Science - I |
| | 16CIED53 | Chemistry - V Solid State Chemistry |
| | 16EIED51 | Pedagogy of Mathematics - I |
| | 16EIED52 | Physics - V Digital Electronics and Micro Processor |
| | 16EIED53 | Mathematics - VIII - Vector Calculus And Geometry |
| | 16EIED5A | Mathematics - IX - Operation Research |
| | 16EIED5B | Mathematics - IX - Discrete Mathematics |
| | 16PIED51 | Practical - Physics - V (Digital Electronics and Micro Processor) |
| | 16PIED52 | Practical - Chemistry - V (Solid State Chemistry) |
| B.Sc. B.Ed. - Chemistry Botany and Zoology | 16CIED11 | Developmental Stages of Learner |
| | 16CIED12 | Chemistry - I |
| | 16EIED13 | Botany - I |
| | 16EIED14 | Zoology - I |
| | 16GEVS13 | Environmental Education |
| | 16IEED11 | English |
| | 16IHED11 | Hindi |
| | 16PIED11 | Practical - Physics - I |
| | 16PIED12 | Practical - Chemistry - I |
| | 16PIED13 | Practical - Botany - I |
| | 16PIED14 | Practical - Zoology -I |
| | 16TIED11 | Tamil |
| | 16CIED21 | Psychological Perspectives of Learners |
| | 16CIED22 | Health, Physical Fitness and Yoga |
| | 16CIED23 | Chemistry - II Metallurgy and Chemistry of Non-Metals |
| | 16EIED24 | Botany - II - Cytology, Anatomy And Embryology |
| | 16EIED25 | Zoology - II Invertebrata - II |
| | 16IEED21 | English - II |
| | 16IHED21 | Hindi - II |
| | 16PIED22 | Practical - Chemistry - II |
| | 16PIED23 | Practical - Botany - II |
| | 16PIED24 | Practical - Zoology - II |
| | 16PIED25 | Practical - Education - I |
| | 16TIED21 | Tamil - II |
| | 16CIED31 | Education in Contemporary India |
| | 16CIED32 | Teaching and Learning - Part I |
| | 16CIED33 | Chemistry - III Chemical Kinetics And Phase Rule |
| | 16EIED34 | Botony - III Bryophytes, Pteridophytes and |

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| | Gymnosperms |
| 16EIED35 | Zoology - III Chordata |
| 16IEED31 | English - III |
| 16IHED31 | Hindi - III |
| 16PIED32 | Practical - Chemistry - III |
| 16PIED33 | Practical - Botany - III |
| 16PIED34 | Practical - Zoology - III |
| 16TIED31 | Tamil - III |
| 16CIED41 | Teaching and Learning - Part II |
| 16CIED42 | Information and Communication Technology (ICT) |
| 16CIED43 | Chemistry - IV Molecular Rearrangements And Stereo Chemistry |
| 16EIED44 | Botany - IV Taxonomy, Plant Physiology And Plant Biochemistry |
| 16EIED45 | Zoology - IV Developmental Biology |
| 16IEED41 | English - IV |
| 16IHED41 | Hindi - IV |
| 16PIED42 | Practical - Chemistry - IV |
| 16PIED43 | Practical - Botany - IV |
| 16PIED44 | Practical - Zoology - IV |
| 16PIED45 | Practical - Education - II |
| 16TIED41 | Tamil - IV |
| 16CIED51 | Planning for Assessment and Evaluation |
| 16CIED52 | Pedagogy of Physical Science - I |
| 16CIED53 | Chemistry - V Solid State Chemistry |
| 16EIED54 | Pedagogy of Biology - I |
| 16EIED55 | Botany - V - Plant Pathology and Paleo Botany |
| 16EIED56 | Zoology - V - Cell Biology |
| 16EIED5C | Botany - VI - Medical and Applied Botany |
| 16EIED5D | Botany - VI - Plant Biotechnology and Bioinformatics |
| 16PIED52 | Practical - Chemistry - V (Solid State Chemistry) |
| 16PIED53 | Practical - Botany - V (Plant Pathology And Paleo Botany) |
| 16PIED54 | Practical - Botany - VI (Medical and Applied Botany) |
| 16PIED55 | Practical - VI - (Plant Biotechnology and Bioinformatics) |
| 16PIED56 | Practical - Zoology - V (Cell Biology) |