



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)

2017-2018

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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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

- | | | |
|-----------------|-----|-----------------------|
| 1. B.Sc., B.Ed. | ... | 4 years (8 semesters) |
| 2. B.Ed. | ... | 2 years (4 semesters) |

Academic Year**2017- 2018**

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)

	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

	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)	

	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

	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
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

	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

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

	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

	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)