



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

Date: 29-06-2015

Recommendations of DRC members for Pre-Ph.D. courses

The members of Doctoral Review committee met on 29-06-2015 to analyse the Pre-Ph.D. courses suitable for the course work pertaining to Ph.D. Programme in Mathematics. The members have recommended the following courses for pre-Ph.D. Course work in the Mathematics area of research.

1. Multivariate Statistics
2. Statistical Methods

Names and signatures of DRC Members

1. Prof. N.Srinivasu, HOD, S&H, VFSTR
2. Dr. P.L.N. Varma, Professor, VFSTR
3. Dr. V.H.S. Raju, Asst. Professor, VFSTR
4. Dr. N. Srinivara Rao, Assoc. Prof, VFSTR

N. Srinivasu
P.L.N. Varma
V.H.S. Raju
N. Srinivara Rao

N. Srinivasu
BoS Chairman

(Dr. N. Srinivasu)



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 30 of UGC Act of 1956)

DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

Date: 29-06-2015

Minutes of the BoS Meeting held on 29-06-2015

Members present

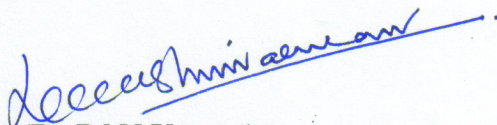
1. Dr.N.Srinivasu, <i>HOD, Dept of Science & Humanities, VFSTR, Vadlamudi</i>	Chairman
2. Dr.Y.N.Reddy, <i>Professor, NIT Warangal</i>	Subject Expert
3. Dr.P.L.N.Varma, <i>Head Division of mathematics, VFSTR, Vadlamudi</i>	Member
4. Mr.U.V.manoj Kumar, <i>Asst. Professor, VFSTR, Vadlamudi</i>	Member
5.Dr.V.H.S.Raju, <i>Asst.Professor, VFSTR</i>	Member
6.Dr.N.Srinivara Rao, <i>Assoc. Prof, VFSTR</i>	Member

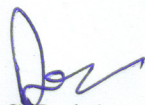
The Board of Studies (BoS) reviewed the courses recommended by the Doctoral Review Committee for Pre-Ph.D. coursework in Mathematics. The list of courses is given below:

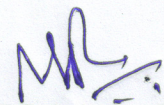
1.Multivariate Statistics

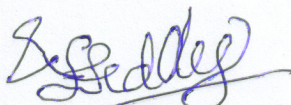
2.Statistical Methods

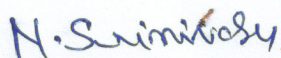
- The courses indicated above are prescribed for Ph.D. students to undertake topics related to Techniques for data display, dimension reduction and ordination, cluster analysis, multivariate regression and Analysis of Variance (MANOVA), Canonical Correlation, and Redundancy Analysis
- The course indicated above Binomial , Multinomial , Hypergeometric , Geometric , Pascal , Negative Binomial , Poisson , Normal , Gamma , Exponential , Beta , Uniform , Log-normal , Rayleigh , Cauchy , Chi-square, Weibull , Extreme value , t distributions .

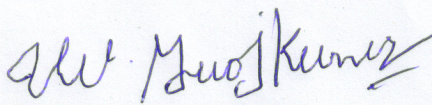

(Dr.P.L.N.Varma)


(Dr.V.H.S.Raju)


(Dr.N.Srinivara Rao)


(Dr.Y.N.Reddy)


(Dr.N.Srinivasu)


(Mr.U.V.Manoj Kumar)



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 30f UGC Act of 1956)

DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

Date: 20-06-2016

Recommendations of DRC members for Pre-Ph.D. courses

The members of Doctoral Review committee met on 20-06-2016 to analyse the Pre-Ph.D. courses suitable for course work pertaining to Ph.D. Programme in Mathematics. The members have recommended the following courses for pre-Ph.D. Course work in the Mathematics area of research.

1. Numerical Analysis
2. Ordinary & Partial Differential Equations

Names and signatures of DRC Members

1. Prof. N.Srinivasu, HOD, S&H, VFSTR
2. Dr. P.L.N. Varma, Professor, VFSTR
3. Dr. V. Samba siva Rao, Professor, VFSTR
4. Dr. P. Kanaka Durga, Asst. Prof, VFSTR

N. Srinivasu
P.L.N. Varma
V. Samba siva Rao
P.K.D.

N. Srinivasu
BoS Chairman

(Dr. N. Srinivasu)



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DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

Date: 20-06-2016

Minutes of the BoS Meeting held on 20-06-2016

Members present

1. Dr.N.Srinivasu, HOD, Dept of Science & Humanities, VFSTR, Vadlamudi	Chairman
2. Dr.Y.N.Reddy, Professor, NIT Warangal	Subject Expert
3. Dr.P.L.N.Varma, Head Division of mathematics, VFSTR, Vadlamudi	Member
4. Dr.V.Samba siva Rao, Professor, VFSTR	Member
5. Dr.P.Kanaka Durga, Asst.Prof, VFSTR	Member

P.K.D.

The Board of Studies (BoS) reviewed the courses recommended by the Doctoral Review Committee for Pre-Ph.D. coursework in Mathematics. The list of courses is given below:

1. Numerical Analysis

2. Ordinary & Partial Differential Equations

- The courses indicated above are prescribed for Ph.D. students to undertake topics related to General. Error, Elementary and special functions, Numerical linear algebra. Basic concepts. Solving systems of linear equations, Interpolation and approximation, Polynomial interpolation. Finding roots of nonlinear equations, Optimization. Basic concepts, Numerical quadrature (integration)
- The course indicated above are prescribed for Ph.D students to undertake topics related to Nonlinear partial differential equation, Boundary condition, Boundary value problem. Dirichlet problem, Dirichlet boundary condition, Separation of variables. Green's function. Elliptic partial differential equation. Singular perturbation. Cauchy-Kovalevskaya theorem.

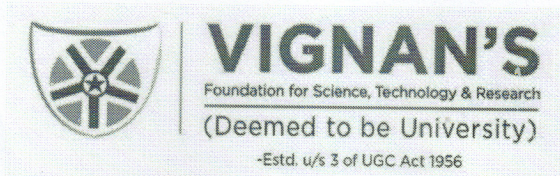
P.L.N. Varma
(Dr.P.L.N.Varma)

V. Sambasiva Rao
(Dr.V.Samba siva Rao)

P.K.D.
(Dr.P.Kanaka Durga)

Y.N. Reddy
(Dr.Y.N.Reddy)

N. Srinivasu
(Dr.N.Srinivasu)



DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

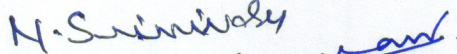
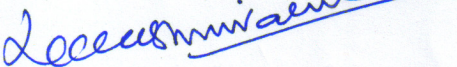





Date: 22-06-2017

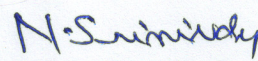
Recommendations of DRC members for Pre-Ph.D. courses

The members of Doctoral Review committee met on 22-06-2017 to analyse the Pre-Ph.D. courses suitable for course work pertaining to Ph.D. Programme in Mathematics. The members have recommended the following courses for pre-Ph.D. Course work in the Mathematics area of research.

1. Mathematics
2. Graph Theory

Names and signatures of DRC Members

1. Prof. N.Srinivasu, HOD, S&H, VFSTR 
2. Dr. P.L.N. Varma, Professor, VFSTR 
3. Dr. V.R.K. Murthy, Professor, VFSTR 
4. Dr. P. Siva Prasad, Assoc. Prof, VFSTR 
5. Dr. P. Sudam Shekar, Assoc. Professor, VFSTR 
6. Dr. P. Kalpana, Asst. Prof, VFSTR 
7. Dr. P. Kanaka Durga, Asst. Professor, VFSTR 


BoS Chairman

(Dr. N. Srinivasu)



VIGNAN'S

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(Deemed to be University)

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DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

Date: 22-06-2017

Minutes of the BoS Meeting held on 22-06-2017

Members present

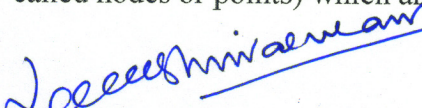
1. Dr.N.Srinivasu, HOD, Dept of Science & Humanities, VFSTR, Vadlamudi	Chairman
2. Dr.Y.N.Reddy, Professor, NIT Warangal	Subject Expert
3. Dr.P.L.N.Varma, Head Division of mathematics, VFSTR, Vadlamudi	Member
4..Dr..V.R.K.Murthy, Professor, VFSTR	Member
5..Dr.P.Siva Prasad, Assoc. Prof, VFSTR	Member
6..Dr.P.Sudam Shekar, Assoc.Professor, VFSTR	Member

The Board of Studies (BoS) reviewed the courses recommended by the Doctoral Review Committee for Pre-Ph.D. coursework in Mathematics. The list of courses is given below:

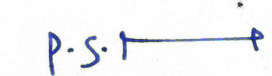
1.Mathematics

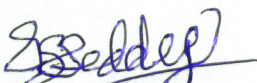
2.Graph Theory

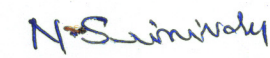
- The courses indicated above are prescribed for Ph.D. students to undertake topics related to Mathematics provides many powerful insights for current and future fundamental principles of computer science. Learn how to model problems mathematically, reason about them abstractly and then apply techniques to explore their properties. This broad introduction to mathematical applications will prepare you to move forward and solve today's most important problems within the computer science field.
- The course indicated above are prescribed for Ph.D students to undertake topics related to In mathematics, graph theory is the study of graphs, which are mathematical structures used to model pairwise relations between objects. A graph in this context is made up of vertices (also called nodes or points) which are connected by edges (also called links or lines).


(Dr.P.L.N.Varma)


(Dr.V.R.K.Murthy)


(Dr.P.Siva Prasad)


(Dr.Y.N.Reddy)


(Dr.N.Srinivasu)


(Dr.P.Sudham Shekar)



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DEPARTMENT OF SCIENCES & HUMANITIES

Division of Mathematics

Date: 14-06-2018

Recommendations of DRC members for Pre-Ph.D. courses

The members of Doctoral Review committee met on 14-06-2018 to analyse the Pre-Ph.D. courses suitable for course work pertaining to Ph.D. Programme in Mathematics. The members have recommended the following courses for pre-Ph.D. Course work in the Mathematics area of research.

1. Advanced Calculus
2. Algebraic Topology
3. Statistics

Names and signatures of DRC Members

1. Prof. N.Srinivasu, HOD, S&H, VFSTR

N. Srinivasu

2. Dr. P.L.N. Varma, Professor, VFSTR

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P.S. Prasad

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P. Sudam Shekar

6. Dr. P. Kalpana, Asst. Prof, VFSTR

P. Kalpana

N. Srinivasu
BoS Chairman

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Foundation for Science, Technology & Research

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DEPARTMENT OF SCIENCES & HUMANITIES**Division of Mathematics**

Date: 14-06-2018

Minutes of the BoS Meeting held on 14-06-2018

Members present

1. Dr.N.Srinivasu, HOD, Dept of Science & Humanities, VFSTR, Vadlamudi	Chairman
2. Dr.Y.N.Reddy, Professor, NIT Warangal	Subject Expert
3. Dr.P.L.N.Varma, Head Division of mathematics, VFSTR, Vadlamudi	Member
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The Board of Studies (BoS) reviewed the courses recommended by the Doctoral Review Committee for Pre-Ph.D. coursework in Mathematics. The list of courses is given below:

- 1.Advanced Calculus
- 2.Algebraic Topology
- 3.Statistics

- The courses indicated above are prescribed for Ph.D. students to undertake topics related to Real numbers. Functions of one variable: continuity, mean-value, differentiability, maxima and minima, integrals, fundamental theorem of calculus, inequalities, estimation of sums and integrals, elementary functions and their power series. Functions of several variables: partial derivatives, chain rule, MacLaurin expansion, critical points, Lagrange multipliers, inverse and implicit function theorems, jacobian, divergence and curl, theorems of Green and Stokes.
- The course indicated above are prescribed for Ph.D students to undertake topics related to In Although algebraic topology primarily uses algebra to study topological problems, using topology to solve algebraic problems is sometimes also possible. Algebraic topology, for example, allows for a convenient proof that any subgroup of a free group is again a free group.
- The course indicated above are prescribed for Ph.D students to undertake topics related to **Statistics** is a mathematical body of science that pertains to the collection, analysis, interpretation or explanation, and presentation of data, or as a branch of mathematics. ... Descriptive **statistics** can be used to summarize the population data.


(Dr.P.L.N.Varma)
(Dr.V.R.K.Murthy)
(Dr.P.Siva Prasad)
(Dr.Y.N.Reddy)
(Dr.N.Srinivasu)
(Dr.P.Sudham Shekar)