



SRI Y.N.COLLEGE(Autonomous),Narsapur  
Affiliated to Adikavi Nannaya University  
Thrice accredited by NAAC with 'A' Grade  
Recognized by UGC as 'College with potential for Excellence'  
I B.Sc Mathematics (for 2017 batch onwards w.e.f 2017-2018)  
Bridge Course Syllabus

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### Unit I : Differentiation

Derivative of a function, Derivative of Some standard functions - problems, derivative of some trigonometric functions – problems, algebraic properties of differentiable functions - problems, derivative of composite functions - problems.

### Unit II : Indefinite Integration

Methods of Integration, Integration by substitution – problems, integration by decomposition into a sum - problems, integration by parts – problems, integration successive differentiation – problems, reduction formulae – problems

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SRI Y.N. COLLEGE (AUTONOMOUS)  
(NAAC ACCREDITED 'A' GRADE COLLEGE)  
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