



"SIPRALI" -

A collection of poems by "Mahakavi" Sri Sri - in his own hand writing

A Special Publication on the occasion of "Sri Sri Sathajayanthi."-2009

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“మహాకవి” శ్రీ శ్రీ స్వకస్తాంకో విభించిన
“స్మితావి”

జూన్ 10, 1981

కాల్కత్తా, బెంగాల్

5) $\frac{1}{x^2} = x^{-2}$
 $\frac{d}{dx} x^{-2} = -2x^{-3}$
 $= -2x^{-3} = -\frac{2}{x^3}$

6) $\frac{d}{dx} \ln x = \frac{1}{x}$
 $\frac{d}{dx} \ln \frac{1}{x} = \frac{d}{dx} \ln x^{-1} = -\frac{1}{x}$
 $\frac{d}{dx} \ln \frac{1}{x^2} = \frac{d}{dx} \ln x^{-2} = -\frac{2}{x}$

7) $\frac{d}{dx} \log_e x = \frac{1}{x}$
 $\frac{d}{dx} \log_e \frac{1}{x} = \frac{d}{dx} \log_e x^{-1} = -\frac{1}{x}$
 $\frac{d}{dx} \log_e \frac{1}{x^2} = \frac{d}{dx} \log_e x^{-2} = -\frac{2}{x}$

8) $\frac{d}{dx} \log_e x = \frac{1}{x}$
 $\frac{d}{dx} \log_e \frac{1}{x} = -\frac{1}{x}$
 $\frac{d}{dx} \log_e \frac{1}{x^2} = -\frac{2}{x}$

9) $\frac{d}{dx} \log_e x = \frac{1}{x}$
 $\frac{d}{dx} \log_e \frac{1}{x} = -\frac{1}{x}$
 $\frac{d}{dx} \log_e \frac{1}{x^2} = -\frac{2}{x}$

10) $\frac{1}{x^2} = x^{-2}$, $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
The derivative of x^{-2} is $-2x^{-3}$, which is $-\frac{2}{x^3}$.

11) $\frac{d}{dx} x^{-1} = -x^{-2} = -\frac{1}{x^2}$
The derivative of x^{-1} is $-x^{-2}$, which is $-\frac{1}{x^2}$.

12) $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$
The derivative of x^{-3} is $-3x^{-4}$, which is $-\frac{3}{x^4}$.

13) $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$
The derivative of x^{-4} is $-4x^{-5}$, which is $-\frac{4}{x^5}$.

14) $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$
The derivative of x^{-5} is $-5x^{-6}$, which is $-\frac{5}{x^6}$.

End of Preview.

Rest of the book can be read @

<http://kinige.com/book/Siprali>

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