

two things; (i) Parallel curves falls on each other indistinguishably while undergoing translation. Hence the smaller arc-length AB_{arc} may be thought to be translated to the UV part of the larger circular arc-length which means that the arc-length AB_{arc} is exactly equal to the arc-length UV_{arc} . (ii) From the circular definition of the 'angle' an angle ' θ ' is given by $\theta = (S/R)$, while ' θ ' is measured in radian and ' S ' is the associated arc-length with radius equal to ' R '. Then $\alpha = (\theta/3) = (S/3R)$. Hence keeping ' S ' constant if one extends radius two times the angle subtended by the same arc-length ' S ' with radius equals to ' $3R$ ' at same central point must be equal to ' $(\theta/3)$ '. Hence the given angle is trisected with certainty.

Conclusion :

The way of trisecting an angle which is presented here is perhaps the easiest one and needs no

cumbersome lengthy theoretical discussion as its proof only if we take the lemma granted. Moreover this process is not unique for dividing an angle only into three equal parts but it applies to cases of dividing an angle into any integral or even fractional equal parts as well. But the lemma considered here for proving the method of trisecting an angle is invalid as has been analyzed in the previous section of this article. Hence it can be concluded that equiangular arcs of concentric circles are never parallel and points on the system of curves being equidistant is not at all a sufficient conditions for curves being parallel to each other and that the curves with different parameters can never be parallel to each other. Therefore trisecting angle is also an impossible idea.

Prof. Santanu Das

Receiving an Award – is the moment of joy and glory

We, the members of **ISEC Family** are extremely happy to congratulate Dr. Santanu Das, Professor of the Department of Mechanical Engineering, Government Engineering College, Kalyani, Secretary of Institute of Science, Education and Culture on his being conferred with “**Siksha Ratna**” Award 2018 by the **Siksha Bibhag**, Govt. of West Bengal in presence of Minister-in-Charge of Higher Education, Biotechnology and School Education, Dr. Partha Chatterjee.



Prof. Das's intense passion for learning-teaching and research is the prime mover of his achievement of being honoured with the rare distinction which can help inspire the serving teachers to reflect and introspect on. We wish him long peaceful, healthy and prosperous life with many more academic Awards to his credit and also wish he shines in his academic career in the years ahead with much more brilliance.
