Let $t, v, k$ and $\lambda$ be positive integers. A $t-(v,k,\lambda)$ design is a pair $(X, \mathcal{A})$ where $X$ is a set of size $v$ and $\mathcal{A} \subseteq \binom{X}{k}$ such that every $T \in \binom{X}{t}$ is contained in exactly $\lambda$ elements of $\mathcal{A}$. For $t = 2$, finite projective planes and affine planes over finite fields are examples. For $t = 3$, finite Mobius planes are examples. For $t = 4$ and $t = 5$ there are only finitely many examples known (with $\lambda = 1$ and $v > k$) constructed from Mathieu groups. Construction of such structures for $\lambda = 1$ are extremely difficult problems. No examples are known with parameters $t \geq 6$, $\lambda = 1$ and $v > k$. Some recently proved results will be presented. Following the tradition of late Paul Erdos the speaker is offering two prizes.

(1) Rs. 5000 for construction of any $3-(v,7,1)$ design with $v > 7$.

(2) Rs. 10000 for construction of any $t-(v,k,1)$ design with $t \geq 6$ and $v > k$.