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PRESS NOTE

One day UGC sponsored National Seminar on "Stem cells to human development-Basics and Applications" organised by Department of Bio-Technology, JSS College of Arts, Commerce and Science in association with JSS College of Pharmacy, Mysuru on the occasion of Birth centenary celebration of **His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji**, Founder president of JSS Mahavidhyapeetha and as a part of Golden Jubilee celebration of the college.

Prof. S.R. Niranjan, Honourable Vice Chancellor, University of Gulbarga has inaugurated the Seminar and delivered keynote address. He stated that teaching is entirely based on the research and research oriented curriculum wherein the students should also be a part of this type of course curriculum. He also commented on the upcoming technology in field of science where it is difficult to adopt them in our country because the people are adapted to the conventional methods and needs more time to make the people aware of modern technology and its necessity in the present scenario. He also mentioned about the accountability of the funds provided by the Govt. funding agencies to the public and the outcome benefits of the research. India stands 3rd position in stem cell development for human health. Govt. is spending lot of money for the research in this area. He defended that from this regenerative medicine it is possible to treat some of the common and dangerous diseases viz., Alziemer's disease, Parkinsons disease and even the diabetes. He stated that important policies made globally should be adapted and collaborations are needed for the technology transfer across the world for the development of science and technology. With this key note address he conveyed that there is scope for Stem Cell Research in India and abroad wherein researchers has to focus on developing new technologies which are applicable and accountability of the performed applied research to the public.

Prof. Parthasarathi, Prinicpal, JSS College of Pharmacy, Mysuru, and the Guest of Honour for the programme said that we have good researchers in India who have succeeded in the field of Stem Cell therapy similar to that of Pharmaceuticals. He said that India is globally recognised for pharmacy wherein one in every third medicine in world is from India with the investment of 20 billion US dollars. This status was achieved after independence because of development in the field of Chemical engineering and Bio-Technology. In India making medicine has moved away from conventional chemistry towards Biosimilars which is a part of Bio-Technology wherein bulky production blocks were reduced and production rate were enhanced with quality because of advancement in new Technologies. He was happy that many of the Antiviral drugs are derived from India which could give protection against most deadly African borne viral diseases like HIV. Finally he suggested the young researchers to focus on the area of therapeutics with developed technologies so that the new medicines can reach the poor with affordable price.