

## PROCEEDINGS OF THE GOVERNMENT OF KARNATAKA

**SUB:** Constitution of Selection Committee for Biotechnology Skill Enhancement Programme.

**READ:** 1. The Millennium Biotech Policy - II, vide Govt. Order No. ITD 58 MDA 2008 dated 18-07-2009.  
2. Start-up Policy (2015 – 2020), vide Govt. Order No. ITD 27 PRM 2015; dated 27.11.2015

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### PREAMBLE

The State of Karnataka contributes around 40% of the Indian biotechnology sector. The State has remained one of the major investment destinations in the biotech industry. To boost the growth of biotechnology sector, the Government of Karnataka has announced Millennium Biotech Policy – II in 2010 wherein one of the objectives is to increase the quality of human resources by supporting specific educational and research institutions including BT Finishing Schools. The Government of Karnataka has also come out with Start-up policy (2015 – 2020) for IT & BT and identified Healthcare and Bio Pharma, Agriculture and allied fields, Clean-Tech, Energy, Nanotechnology and Composites as focus areas and continues the leadership position of Bengaluru as Start-Up City.

2. As per Millennium Biotech Policy – II, Government of Karnataka in 2010 announced setting up of the Biotechnology Finishing Schools (BTFS) BTFS with appropriate course content and duration to equip graduates and post-graduates, with necessary employable skills to make them job-ready. The first of its kind initiative was envisioned to bridge the gap between industry requirements and quality of students by providing students the experience of real-life industry-oriented experience working on problems which are not taught-in-depth in regular academic curriculum.

3. BTFS programme was started in 2011 at twelve (12) host institutions in Karnataka and have been offering PG Diploma courses since then. The programme has gained popularity amongst the biotechnology and life science students across India. The companies associated with programme for providing internship and placement has also increased steadily from year to year. So far over 800 students have taken up the course with placement record of ~75%.

4. After 5 years of successful implementation the BTFS programme, there is a need to have skill-based curriculum and aligning it with National Vocational Educational Quality Framework (NVEQF) or National Skill Quality Framework (NSQF) of National Skill Development Council. This need is felt much more in biotech Industry with requirement of trained manpower at different job levels. Also, keeping in mind the changing aspirations of young India and renewed focus of the programme, the scheme as Biotechnology Finishing School programme is re-named as “**Biotechnology Skill Enhancement Programme (BiSEP)**”. The department intends to closely associate with Life Science Sector Skill Development Council or organisations empanelled with NSDC in designing course curriculum and assessing the student’s skill sets acquired thus aiming to make the students employable or self-employable by the time they complete the course under BiSEP.

5. A call for expression of interest has been floated for the selection of fifteen institutions with necessary infrastructure etc for hosting the BiSEP. A selection committee is required to be setup to finalise selection of institutions. Hence, the order.

**GOVERNMENT ORDER No. ITD 10 MDA 2016, BENGALURU;**

**Dated: 21-06-2016**

In the circumstances explained in the preamble, Government is pleased to constitute the Selection Committee consisting of following for selection of fifteen Universities/Academic Institutions located in the State of Karnataka to host Biotechnology Skill Enhancement Programme (BiSEP) for the period of five years (2016 – 2021).

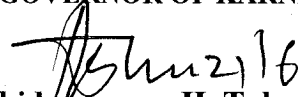
1. Principal Secretary, Dept. of IT, BT and S&T, GoK  
Chairperson, KBITS, Dept. of IT, BT and S&T, GoK  
Member Convener - VGBT Chairperson
2. **Prof. G. Padmanaban** Co-Chair  
Professor Emeritus  
Dept. of Biochemistry  
Indian Institute of Science, Bengaluru.  
Member - VGBT
3. Managing Director, Member  
KBITS, Dept. of IT, BT and S&T, GoK  
Member – VGBT
4. **Prof. H. Sharath Chandra** Member  
Director, Centre for Human Genetics  
Professor Emeritus  
Indian Institute of Science. Bengaluru.  
Member – VGBT
5. **Dr. K.K. Narayanan** Member  
Managing Director  
Metahelix Life Sciences Pvt. Ltd.,  
Bengaluru.  
Member - VGBT
6. **Prof. N. Yathindra** Member  
Director, IBAB,  
Biotech Tech Park, Electronic City,  
Bengaluru.
7. **Dr. Goutam Das** Member  
General Secretary & COO  
Association of Biotechnology  
Led Enterprises (ABLE), Bengaluru
8. Managing Director Member  
Bangalore Bioinnovation Centre  
Bangalore Helix Biotech Park  
Electronics City, Bengaluru.

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|-----|---|------------------|
| 9.  | General Manager-2 (BT)<br>KBITS,  | Member           |
| 10. | <b>Dr. Jagadish N. Mittur</b><br>Head – BFC<br>KBITS, Dept. of IT, BT and S&T, GoK      | Member           |
| 11. | <b>Dr. S. Balasubramanya</b><br>BTFS Coordinator<br>KBITS, Dept. of IT, BT and S&T, GoK | Member Secretary |

2. The Selection Committee shall scrutinize the applications; satisfy itself about the course content, infrastructure required for teaching and training, recognition and accreditation, eligibility criteria, faculty availability and all such details before recommending selection of an institution.

3. The selection Committee shall submit its recommendation to the State Government for issue of appropriate Government orders for sanction and setting up of Biotechnology Skill Enhancement Programme in the State.

**BY ORDER AND IN THE NAME OF THE  
GOVERNOR OF KARNATAKA**



**[Shidramappa H. Talawar]**

Under Secretary to Government,  
Department of Information Technology,  
Biotechnology and Science & Technology

**To**

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4. The Deputy Secretary – 3, Finance Department, Vidhana Soudha, Bengaluru,
5. The Managing Director, Karnataka Biotechnology and Information Technology Services, Bengaluru
6. The Managing Director, KEONICS, Bengaluru
7. The Director [Operations], KEONICS, Bengaluru
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