

## ***APPENDIX I***

Dear sir/madam

I am doing Ph.D in School of Management Studies, Jawaharlal Nehru Technological University, Hyderabad, on the topic **“Entrepreneurial Support Systems for the Development and Sustenance of Biotech Industry at Genome Valley.**

A questionnaire is designed to get the opinion from Government Officials, Scientists, Professors, Entrepreneurs, Executives, Service Providers, and other stakeholders of the Biotech Park at Genome Valley in Andhra Pradesh. I request you to please fill the simple questionnaire so that your opinion will be useful to the policy makers and other stakeholders involved in the development and growth of the Biotech Industry.

I assure you that the information provided will be kept confidential and will be used for overall statistical analysis for academic purpose and not for any commercial use.

Looking forward to your kind co-operation.

Thanks and regards.

Yours sincerely

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## QUESTIONNAIRE

### PART A

- I. Organisation(tick/specify)
  - i. Government Officials - APIIC, APITCO, APSFC, DBT, APCPDCL, Any other (pl specify) AP State Dept. Of Commerce & Industries-  
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  - ii. Biotech Park/Incubator/Agency Executives - SP Biotech, ICICI Knowledge Park, Alexandria Biotech Park, & other (pl specify) TBI-ARCI,ISB,TBI-HCU,IICT ,FABA, BCIL, executives
  - iii. Biotech Company Entrepreneurs/ Executives - Bharat Biotech, Reddy's Labs, BE, Unicorn Naturals, Zenotech, Any other Mosanto, DUPONT, BioSeed, Bayer etc.,(Pl specify)-----
  - iv. University: HCU, JNTU, OU, Acharya N.G.Ranga Agricultural University,
  - v. R & D Lab : ICRISAT, CCMB, IICT, Any other(pl specify) -----  
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  - vi. Funding Agency- APIDC- VC, Accumen, Baring Capital etc., Any other-----
- II. Designation: Assistant Manager, Middle Manager, Senior Manager, Vice-President, President, Scientist, Professor/Faulty,

Entrepreneur, Biotech Research Scholar / Student Others -----  
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III. Age:

IV. Experience : Total ----- In Biotechnology field ----- years.

V. Kindly Specify the nature of your association with the Biotech

Industry(pl tick):

i. Policy Maker (Government)

ii. Policy Maker (Corporate)

iii. Entrepreneur

iv. R & D

v. Executive

vi. Service Provider

vii. Funding

viii. Any other (Pl specify)-----

VI. To which type of biotech industry your activity belongs:

i. Animal Biotechnology

ii. Pharmaceutical Biotechnology

iii. Agri Biotechnology (Plant, Bio-fertilizers etc)

iv. Industrial & Environmental Biotechnology

v. Food Biotechnology

VII. Any Other (please specify).....

**PART B**

***Infrastructure Support***

***8. Quantity supplied-Please rate the responses on a 4 point scale***

**4. Adequate      3. Satisfied      2. Inadequate      1. Don't Know**

- 1. Land ( )
- 2. Water ( )
- 3. Electricity ( )
- 4. Roads ( )
- 5. Lighting ( )
- 6. Incubations Centers space sft ( )

***9. Tariff Per Unit-Please rate the responses on a 4 point scale***

**4-High      3 Reasonable      2 Low      1 Don't Know**

- 7 Land ( )
- 8 Water ( )
- 9 Electricity ( )
- 10 Incubation Centre Leased Space (sft) ( )

***10. Enabling Government Policy & Support***

Please rate the responses on a 4 point scale ::

**4. Adequate      3. Satisfied      2. Inadequate      1. Don't Know**

- 11. Incentive & Support for acquiring Land /Place ( )
- 12. Incentive & Support for Capital Investment etc., ( )

13. Incentive & Support for Excise/VAT/Sales Tax ( )
14. Enabling Biotech Industrial Climate through Events/forums ( )
15. Special Department to address biotech Industry issues ( )

For the following questions please rate

**4. Quick 3. Reasonable Time 2. Slow 1. Don't Know**

16. *Time taken for Single window clearances specifically for Biotech Industry* ( )

17. *Time for taking Licenses* ( )

18. *Clearances by Inspector of Factories*( )

19 *Clearances by Pollution Control Board* ( )

20. *Any objections by inspector of factories* 1 Yes 2 No (tick)

21 *Any objections by pollution control board* 1 Yes 2 No (tick)

22 Policies of Government of Andhra Pradesh are as per biotech industry expectations 1Yes 2 No (tick)

### ***Biotech Ready Cluster & Climate***

Please rate the responses on a 5 point scale:

**4. Adequate 3. Satisfied 2 Inadequate 1. Don't Know**

23 Availability of Biotech Ready Human resource ( )

24 Availability of Biotech Investment Agency ( )

25. Availability of Biotech R&D Institutes & Testing centers ( )

26. Availability of AIR (Domestic & Inter, RAIL & Road Connectivity

27. Safe & Secure for Business from Political and communal issues ( )

28. Availability of Quality & cost effective Biotech cluster ( )

Please rate the responses on a 4 point scale:

**4- Agree      3- Marginally agree    2- Disagree    1 Don't Know**

29. Anticipated activities are launched in the genome valley. (    )

30. Companies are working as per the vision of the Biotech Policy of the State/Central Government (    )

31. Biotech companies are really green and not just using the green name (    )

32 Adequate funding mechanism to fund Innovative Biotech companies in AP. (    )

33 R & D related to Biotechnology in CCMB, IICT, OU, JNTUH, NIRD, ICRISAT, HCU, Acharya NG Ranga Agricultural University etc. is Beneficial to Growth and Development of Biotechnology at Genome Valley. (    )

34 Biotechnology Research Institutes in AP fully capitalized its Technologies by commercializing through the Geneome valley (    )

35 Facilities at the incubation centers at SP Biotech, ICICI Knowledge Park etc are adequate and is there need to upgrade (    )

36 *It is practically possible to adopt any of the Biotech Firms in Genome valley to try the results.* (    )

37 It is practically possible to take direct R & D support from the academic institutions in and around Hyderabad.

**Any other suggestions for the development and growth of biotech industry at genome valley**

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