



### **3.5.1. Number of functional MoUs/linkages with institutions/industries in India and abroad for internship, on-the-job training, project, student/faculty exchange and collaborative research during the last five years**

#### **Activity under MoU with DBT-NIPGR**

**Activity scope:** Activity related to National Certification system for tissue culture raised plants (NCS-TCP)

**Activity details:**

- ✓ The activity under both MoU with Department of Biotechnology (DBT) is belongs to the year 2022-2023 after signing of MoU on 6<sup>th</sup> June 2022.
- ✓ After signing MoU with Department of Biotechnology (DBT), project was effectively started.
- ✓ Research under the following objectives with COEP was undertaken
  1. Virus indexing genetic fertility of testing of tissue culture raised plants
- ✓ Other communicated with Department of Biotechnology (DBT) related to project project operation through the online portal is attached with this report.

**Online portal for NCS-TCP activity**  
**Virus indexing & genetic fertility testing**  
**(Mother plant/stock cultures certification) (2023)**

The screenshot shows the NCS-TCP (National Certification System for Tissue Culture Raised Plants) online management system dashboard. The dashboard title is "(Dynamic Online Management System)". The user is logged in as "Welcome - rmd\_vsi". The main content area displays a table titled "Mother Plant/Stock Culture(s)".

S.No.	Application No.	Submitted By	Submitted On	Current Status	Pending On
1	MP01329112301	Ram Biotech	29/11/2023	New & Waiting for Acceptance	Vasantdada Sugar Institute
2	MP20422112318	Rise N Shine Biotech Pvt. Ltd	22/11/2023	New & Waiting for Acceptance	Vasantdada Sugar Institute
3	MP20422112317	Rise N Shine Biotech Pvt. Ltd	22/11/2023	New & Waiting for Acceptance	Vasantdada Sugar Institute
4	MP02218112301	Microsun Bioplants India Pvt Ltd	18/11/2023	Accepted & Pending Payment	Microsun Bioplants India Pvt Ltd
5	MP10017112301	test	17/11/2023	New & Waiting for Acceptance	Vasantdada Sugar Institute

Below the table is a pagination control showing page 1 of 10.

  
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## Online portal for NCS-TCP activity -Total activity for test report (2023)

The screenshot displays the NCS-TCP (National Certification System for Tissue Culture Raised Plants) online management system. The page title is "Summary Screen" and the application number is "MP20420032332". The current status is "Report Submitted". The pending on and action sections are empty. A history of events table shows the following activities:

S.No.	Status	Date
1	New & Waiting for Acceptance	20-03-2023 12:18:38
2	Accepted & Pending Payment	23-03-2023 17:07:01
3	Payment Made & Waiting Sample Submission	27-03-2023 16:42:28
4	Sample Sent & Pending Sample Receiving	24-04-2023 11:35:37
5	Sample Received & Under Testing	25-04-2023 09:46:39
6	Job Card Created & Report Pending	06-05-2023 14:25:04
7	Report Submitted	06-05-2023 14:31:25

  
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## Online portal for NCS-TCP activity after submission of report(2023)

The screenshot shows a web browser window with the URL <https://dynamic.dbtncstcp.nic.in/Dashboard.aspx>. The page title is "(Dynamic Online Management System)". The user is logged in as "Welcome - rmd\_vsi". The dashboard displays a table titled "Mother Plant/Stock Culture(s)" with the following data:


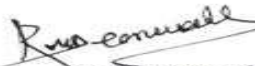
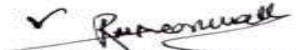
S.No.	Application No.	Submitted By	Submitted On	Current Status	Pending On
111	MP20420032332	Rise N Shine Biotech Pvt. Ltd	20/03/2023	Report Submitted	
112	MP20420032331	Rise N Shine Biotech Pvt. Ltd	20/03/2023	Report Submitted	
113	MP20425022327	Rise N Shine Biotech Pvt. Ltd	25/02/2023	Report Submitted	
114	MP20425022326	Rise N Shine Biotech Pvt. Ltd	25/02/2023	Report Submitted	
115	MP20418022325	Rise N Shine Biotech Pvt. Ltd	18/02/2023	Report Submitted	

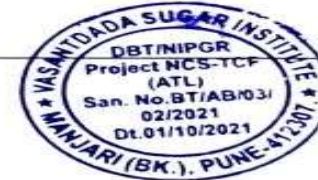
The table includes a pagination control at the bottom showing page numbers from 21 to 30, with page 23 selected.

  
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## Online portal for NCS-TCP activity -Test report generation (2023)

	<b>Vasantdada Sugar Institute, Manjari (Bk), Tal: Haveli Dist. Pune MAHARASHTRA</b> Accreditation number: TL2022/A005	Date: 06.05.2023		
<b>Name and Address of Tissue Culture Production Facility:</b>		Rise N Shine Biotech Pvt. Ltd, Dattaprabha, Ganeshwadi, Theur, Pune MAHARASHTRA		
<b>Plant species tested:</b> Banana				
<b>Total Number of samples:</b> 150				
<b>Particulars of testing</b>		<b>Viruses to be tested</b>		
Sample Registration number (20 digits)	PCR		ELISA	
	Banana bunchy top virus	Banana streak virus	Cucumber mosaic virus	Banana bract mosaic virus
204070032325042311001	Negative	Negative	Negative	Negative
204070032325042311002	Negative	Negative	Negative	Negative
204070032325042311003	Negative	Negative	Negative	Negative
204070032325042311004	Negative	Negative	Negative	Negative
204070032325042311148	Negative	Negative	Negative	Negative
204070032325042311149	Negative	Negative	Negative	Negative
204070032325042311150	Negative	Negative	Negative	Negative
<b>Remarks, if any:</b> Sample no. 061, 062, 067, 068, and 101 to 120 are positive for Banana bunchy top virus (BBTV).				
 (Signature of the Head of ATL/date)		 (Sign/Name of Scientist (Virology)/date)		




  
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## (Mother plant/stock cultures certification) (2022)

Remaining Docum x ncs-TCP portal - S x Home x NCS Dashboard x 133320012804565 x 133320012804565 x +

https://dynamic.dbtncstcp.nic.in/Dashboard.aspx



(Dynamic Online Management System) Welcome - rmd\_vsi

**Dashboard** Dashboard

National Certification System for Tissue Culture Raised Plants

- Dashboard
- Testing of Mother Plant <
- Reports <
- Profile <
- Bulk Receiving
- Tissue Culture Raised Plants <
- Manage Meeting <
- Random Testing <
- Grievances <

Mother Plant/Stock Culture(s)

S.No.	Application No.	Submitted By	Submitted On	Current Status	Pending On
136	MP00328122207	NUMICS BIOTECH	28/12/2022	Report Submitted	
137	MP00328122206	NUMICS BIOTECH	28/12/2022	Report Submitted	
138	MP00328122205	NUMICS BIOTECH	28/12/2022	Report Submitted	
139	MP19121122203	Vitrigold Biotech Pvt. Ltd.	21/12/2022	Report Submitted	
140	MP20421122211	Rise N Shine Biotech Pvt. Ltd	21/12/2022	Report Submitted	

... 21 22 23 24 25 26 27 28 29 30 ...

  
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## Online portal for NCS-TCP activity after submission of report (2022)

The screenshot shows a web browser window with the URL <https://dynamic.dbtncstcp.nic.in/TCPF/SummaryScreen.aspx?RType=TVA%3d&TReqID=M...>. The page title is "(Dynamic Online Management System)". The user is logged in as "Welcome - rmd\_vsi".

The main content area is titled "Summary Screen" and includes a navigation menu with options: Summary, Intimation Form, and Test Report. The "Summary" option is selected. The application number is "Application No : MP00328122207".

The current status is "Report Submitted". There are no pending items or actions.




The "History of Events" table is as follows:

S.No.	Status	Date
1	New & Waiting for Acceptance	28-12-2022 16:42:47
2	Accepted & Pending Payment	02-01-2023 10:45:47
3	Payment Made & Waiting Sample Submission	23-01-2023 11:45:38
4	Sample Sent & Pending Sample Receiving	26-01-2023 12:12:01
5	Sample Received & Under Testing	27-01-2023 10:19:29
6	Job Card Created & Report Pending	31-01-2023 16:36:39
7	Report Submitted	31-01-2023 16:37:05

  
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## Online portal for NCS-TCP activity -Test report generation (2022)

	<b>Vasantdada Sugar Institute, Manjari (Bk), Tal: Haveli Dist. Pune MAHARASHTRA</b> Accreditation number: TL2022/A005	<b>Date: 31.01.2023</b>		
<b>Name and Address of Tissue Culture Production Facility:</b>		NUMICS BIOTECH, SURVEY NO.314/4-A, NATIONAL HIGHWAY - 8, AT & PO : VILLAGE : VAGHASI, TA & DIST:ANAND GUJARAT		
<b>Plant species tested:</b> Banana				
<b>Total Number of samples:</b> 25				
<b>Particulars of testing</b>		<b>Viruses to be tested</b>		
Sample Registration number (20 digits)	PCR		ELISA	
	Banana bunchy top virus	Banana streak virus	Cucumber mosaic virus	Banana bract mosaic virus
003070012327012312001	Negative	Negative	Negative	Negative
003070012327012312002	Negative	Negative	Negative	Negative
003070012327012312024	Negative	Negative	Negative	Negative
003070012327012312025	Negative	Negative	Negative	Negative
<b>Remarks, if any:</b> NA				
 (Signature of the Head of ATL/date)		 (Sign/Name of Scientist (Virology)/date)		



  
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