

**No. BT/HRD/11/020/2017 (Phase- II)**

Government of India  
Ministry of Science & Technology  
Department of Biotechnology

OIC

Block 2, 6-8th Floor  
CGO Complex, Lodi Road  
New Delhi - 110003  
Dated: 27/08/2021

**ORDER**

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under **Star Status Award** to **Acharya Narendra Dev College, University of Delhi, Delhi - 110019** at a total project cost of **Rs. 219.00 lakhs (Rupees two crore and nineteen lakhs only)** for **three years** as per budget details are given below:-

Head	Amount (Rs. In lakhs)			
	1 <sup>st</sup> Year rel	2 <sup>nd</sup> Year rel	3 <sup>rd</sup> Year rel	Total
<b><u>Non-Recurring</u></b> Equipment @ Rs. 15.00 lakhs per dept. (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	105.00	0.00	0.00	<b>105.00</b>
<b><u>Recurring</u></b> to all seven depts. @ Rs. 5.00 lakhs per year (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	35.00	35.00	35.00	<b>105.00</b>
<b><u>Travel Grant (Mentoring, Monitoring and Site Visit) @ Rs. 2.00 lakhs per year</u></b>	2.00	2.00	2.00	<b>6.00</b>
<b><u>Contingency @ Rs. 1.00 lakh per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b>Total:</b>	<b>143.00</b>	<b>38.00</b>	<b>38.00</b>	<b>219.0</b>

- Dr. Ravi Toteja, Principal, Acharya Narendra Dev College, University of Delhi, Delhi - 110019** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
- The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
- As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
- Non-recurring grant shall be utilized within 18 months of their release.
- The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. **The interest so earned should be refunded to the consolidated funds of India through Bharat Kosh (NTRP) Portal.**
- The tenure of on-going "Strengthening Component" will be terminated one day prior to the date of sanction order of Star Status. The college will not book any expenditure from budget under "Strengthening Component" after the date of completion.

Continue...2/-

Dr. Garima Gupta  
Dr. Garima Gupta



8. To maintain continuity of the scheme and avoid gap between the two sanctions i.e the sanction order of the Star Status and the on-going strengthening component, the final settlement of accounts for strengthening component scheme must be initiated, and college should submit completion report and audited financial documents within 6 months, otherwise the second year grant of Star Status will not be released.
9. Continuation of the project beyond 30.09.2021 will be subject to the appraisal and approval of the relevant scheme for the continuation beyond 30.9.2021
10. After completion of the project period, the retention of equipment(s) purchased out of the project grant by the private agencies /NGOs is not allowed as per the prevailing Govt. of India instructions. Hence, the Pvt. Institutes/ NGOs involved in the instant project shall abide by the instructions issued/ to be issued by the Department in this regard from time to time.
11. The expenditure involved is debitible to:

Demand No. 89	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2021-22

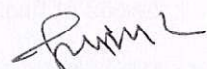
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3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
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29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets for the FY 2021-22

12. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **San No. 102/IFD/SAN/953/2021-22 dated:26.08.2021**
13. This sanction order has been noted at serial No...7...In the register of grants.

To,  
The Pay & Accounts Officer  
Department of Biotechnology  
New Delhi-110003

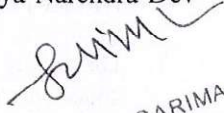
Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Acharya Narendra Dev College, University of Delhi, Delhi – 110019
4. Dr. Archana Pandey, Associate Professor, Department of Biomedical Science, Acharya Narendra Dev College, University of Delhi, Delhi – 110019
5. Sanction Folder

  
(Dr. Garima Gupta)

Scientist-F

डॉ. गरीमा गुप्ता / Dr. GARIMA GUPTA  
वैज्ञानिक 'एफ' / Scientist 'F'  
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology  
विज्ञान और प्रौद्योग. मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

  
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Scientist-F

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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



**No. BT/HRD/11/020/2017 (Phase-II)**

Government of India  
Ministry of Science & Technology  
Department of Biotechnology

Block No. 2, 6-8<sup>th</sup> Floor  
CGO Complex, Lodi Road  
New Delhi-110003  
Dated: 27/08/2021

**ORDER**

In continuation of this department's sanction order of even no. dated.27.08.2021 sanction of the President is hereby accorded under Rule 18, of the delegation of Financial Power Rules, 1978 to the release of an amount of **Rs. 105.00 lakhs (Rupees one hundred and five lakhs only)** to **Acharya Narendra Dev College, University of Delhi, Delhi - 110019** being **first year release under non-recurring head** for the implementation of the project for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under **Star Status Award** for financial year 2021-22, as per details given below:-

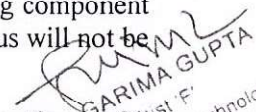
Head	(Rs. in lakhs) Amount
<b>Non-Recurring</b> Equipment @ Rs. 15.00 lakhs per depts. (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	<b>105.00</b>

2. The amount of **Rs. 105.00 lakhs (Rupees one hundred and five lakhs only)** will be directly credited by the Pay and Accounts Officer, DBT and disbursed to **The Principal, Acharya Narendra Dev College, University of Delhi, Delhi - 110019** through electronic transfer/RTGS as per the details are given below:-

Name of the Bank	Punjab National Bank
Branch Name & Address	Krishna Market, Kalkaji, New Delhi
Account No.	0156000100546062
Nature of Account	Savings
IFSC Code	PUNB0015600
MICR Code	110024052

3. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
4. The terms and conditions of the grant remain unchanged.
5. Non-recurring grant shall be utilized within 18 months of their release.
6. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. **The interest so earned should be refunded to the consolidated funds of India through Bharat Kosh (NTRP) Portal.**
7. The tenure of on-going "Strengthening Component" will be terminated one day prior to the date of sanction order of Star Status.
8. To maintain continuity of the scheme and avoid gap between the two sanctions i.e the sanction order of the Star Status and the on-going strengthening component, the settlement of strengthening component scheme part will be initiated within 6 months, otherwise the second year grant of Star Status will not be released.

Continue... 24

  
GARIMA GUPTA  
Secretary / Deptt. of Biotechnology  
Ministry of Science & Tech.  
Govt. of India, New Delhi



9. Interest earned amount i.e. **Rs 52,922/-** has been submitted in C.F.I, receipt is also attached.
10. After completion of the project period, the retention of equipment(s) purchased out of the project grant by the private agencies /NGOs is not allowed as per the prevailing Govt. of India instructions. Hence, the Pvt. Institutes/ NGOs involved in the instant project shall abide by the instructions issued/ to be issued by the Department in this regard from time to time.
11. Continuation of the project beyond 30.09.2021 will be subject to the appraisal and approval of the relevant scheme for the continuation beyond 30.9.2021.
12. **The Principal, Acharya Narendra Dev College, University of Delhi, Delhi - 110019** will submit the Statement of Expenditure (SE) and audited Utilization Certificate (UC) of expenditure in respect of above mentioned amount.
13. No UC pertaining to this programme is pending with the college; UC for the grant released during last financial year is enclosed herewith.
14. The expenditure involved is debitable to:

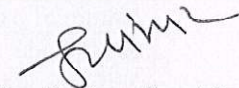
Demand No. 89	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
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29.17	Assistance for Research and Development
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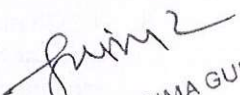
15. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/955/2021-22 dated:26.08.2021**
16. This sanction order has been noted at serial No...**8**....in the register of grants.

To,  
The Pay & Accounts Officer  
Department of Biotechnology  
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Acharya Narendra Dev College, University of Delhi, Delhi – 110019
4. Dr. Archana Pandey, Associate Professor, Department of Biomedical Science, Acharya Narendra Dev College, University of Delhi, Delhi – 110019
5. Sanction Folder

  
**(Dr. Garima Gupta)**  
Scientist-F  
डॉ. गरीमा गुप्ता / Scientist 'F'  
वैज्ञानिक 'एफ' / Scientist 'F'  
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology  
विज्ञान और प्रौद्योग. मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

  
**(Dr. Garima Gupta)**  
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Block No. 2, 6-8<sup>th</sup> Floor  
CGO Complex, Lodi Road  
New Delhi-110003  
Dated: 27/08/2021

**ORDER**

In continuation of this Department's sanction order of even no. dated.27.08.2021 sanction of the President is hereby accorded under Rule 18, of the delegation of Financial Power Rules, 1978 to the release of an amount of **Rs. 38.00 lakhs (Rupees thirty eight lakhs only)** to **Acharya Narendra Dev College, University of Delhi, Delhi - 110019** being 1<sup>st</sup> year release under recurring head for the implementation of the project for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under **Star Status Award** for the financial year 2021-22 as per details given below:-

Head	(Rs. In lakhs) Amount
<b>Recurring</b> to all seven depts. @ Rs. 5.00 lakhs per year / per dept. (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	35.00
<b>Travel Grant (Mentoring, Monitoring and Site Visit)</b> @ Rs. 2.00 lakhs per year	2.00
<b>Contingency</b> @ Rs. 1.00 lakh per year	1.00
<b>Total:</b>	<b>38.00</b>

2. The amount of **Rs. 38.00 lakhs (Rupees thirty eight lakhs only)** will be directly credited by the Pay and Accounts Officer, DBT and disbursed to **The Principal, Acharya Narendra Dev College, University of Delhi, Delhi - 110019** through electronic transfer/RTGS as per the details are given below:-

Name of the Bank	Punjab National Bank
Branch Name & Address	Krishna Market, Kalkaji, New Delhi
Account No.	0156000100546062
Nature of Account	Savings
IFSC Code	PUNB0015600
MICR Code	110024052

3. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. **The interest so earned should be refunded to the consolidated funds of India through Bharat Kosh (NTRP) Portal.**
4. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
5. In case the whole or a part of the amount of the grant in aid is being refunded, an interest at the rate of 10% per annum thereon shall be recovered.
6. The terms and conditions of the grant remain unchanged.
7. The tenure of on-going "Strengthening Component" will be terminated one day prior to the date of sanction order of Star Status.

Dr. GARIMA GUPTA  
Scientist F  
Department of Biotechnology  
Govt. of India, N. Delhi  
Continue...2/-



8. To maintain continuity of the scheme and avoid gap between the two sanctions i.e the sanction order of the Star Status and the on-going strengthening component, the settlement of strengthening component scheme part will be initiated within 6 months, otherwise the second year grant of Star Status will not be released.
9. Continuation of the project beyond 30.09.2021 will be subject to the appraisal and approval of the relevant scheme for the continuation beyond 30.9.2021.
10. **The Principal, Acharya Narendra Dev College, University of Delhi, Delhi - 110019** will submit the Statement of Expenditure (SE) and audited Utilization Certificate (UC) of expenditure in respect of above mentioned amount.
11. Interest earned amount i.e. **Rs 52,922/-** has been submitted in C.F.I, receipt is also attached.
12. No UC pertaining to this programme is pending with the college; UC for the grant released during last financial year is enclosed herewith.
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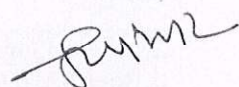
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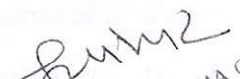
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बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

  
**(Dr. Garima Gupta)**  
**Scientist-F**  
डॉ. गरीमा गुप्ता / Dr. GARIMA GUPTA  
वैज्ञानिक 'एफ' / Scientist 'F'  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



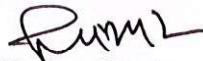
**Annexure- I (List of approved equipment)**

S. No.	Department	Equipment details
1.	<b>Biomedical Science</b>	pH meter
2.		Weighing Balance
3.		<b>Fume hood [Qty – (01), Rs. 1,94,700/-]</b>
4.		<b>4-Gel Vertical electrophoresis system with powerpac for basic power supply [Qty – (01), Rs. 1,45,000/-]</b>
5.		<b>PCR Machine with 1KV<sub>a</sub> UPS [Qty – (01), Rs. 2,86,500/-]</b>
6.		UV transilluminator with UV tube for UV source of 320nm, and accuracy of < 5% CV across the viewing area.
7.		Microscope
8.		Magnetic Stirrer
9.		<b>Ice flaking machine [Qty – (01), Rs. 1,13,280/-]</b>
10.		Fridge: Single door upright showcase 400 L cooler with minimum 4 shelves, glass door and temperature range of 0-8 degree Celsius
11.		UV/Vis trans- illuminator- UV-Vis transilluminat or with UV tube for UV source of 365nm and compact fluorescent lamps as white source.
12.	<b>Botany</b>	<b>Compound microscope with CMOS camera and Imaging Software [Qty – (01), Rs. 2,99,250/-]</b>
13.		<b>UV –VIS (Double beam) Spectrophotometer [Qty – (01), Rs. 3,00,000/-]</b>
14.		<b>BSL -2 Cabinet [Qty – (01), Rs. 1,77,000/-]</b>
15.		<b>Thermal Cycler with 1KV<sub>a</sub> UPS [Qty – (01), Rs. 2,86,500/-]</b>
16.		Electronic Balance
17.		<b>Humidity Chamber/Stability Chamber [Qty – (01), Rs. 1,59,300/-]</b>
18.		Industrial Humidifier (Centrifugal)
19.		Digital CO <sub>2</sub> probe - with wired or Bluetooth® including temperature and humidity sensor

  
**Dr. Garima Gupta**  
 Scientist – 'F'



20.		Rotary Evaporator
21.		Magnetic Stirrer with a magnetic bar and beads
22.		Mushroom Growing Racks
23.		Stainless Steel Water Tank with heater
24.		HDPE Drums
25.		Pump Sprayer
26.		Plastic Crate Rectangular Mesh Type
27.	<b>Chemistry</b>	Rotary Evaporator
28.		Micro Centrifuge Brushless (without carbons) 20000 rpm
29.		Gauss View Version 6, Single User Academic License on windows platform (for 20 years)
30.		Microprocess or based pH- Meter with Combination Glass pH Electrode, Standard Buffer Tablets, Electrode Stand with Clamp, Dust Cover, Power Cord. PAC: EUTECH pH 2700
31.		Potentiometer with O.R.P Electrodes, Electrode Stand & Dust cover
32.		Conductivity meter with Conductivity Cell K = 1.0, Temperature Probe, Electrode Stand with Clamp, Dust Cover, DC Adaptor
33.		Fume Hood
34.		<b>Black Jack Coded Hollow Cathode Lamps for Copper, Iron, Zinc, Cadmium [Qty – (01), Rs. 2,00,000/-]</b>
35.		<b>Atomic Absorption Spectrophotometer [Qty – (01), Rs. 2,98,000/-]</b>
36.		Digital Hot Air Oven:
37.		Oil less compressor for atomic absorption spectrophotometer AAS 701
38.		<b>Burners head for nitrous oxide and C2H2 [Qty – (01), Rs. 1,80,000/-]</b>
39.		<b>Gaussian Version 16, Single User Academic desktop license 64Bit Multiprocessor on Windows Platform.(For 20 years) [Qty – (01), Rs. 2,78,000/-]</b>
40.	<b>Computer Science</b>	CPU Intel Core i5 9500 16/32 GB/ 1000 GB HDD/(i5 9500 DOS 32256SSD1HDD3 P204v)

  
**Dr. Garima Gupta**  
 Scientist – 'F'

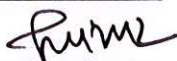


41.		Interactive Board Ceramic steel surface interactive board Size: 82.8 inch Mode: Projector and white board both Aspect ratio: 16:9 Touch: Touch-sensitive and pen- driven both O.S.: Windows, Linux, Ubuntu
42.		Printer MFP (Photocopier, Scan, Print) HP M126NW Multi-Function Machines (GMP) (126NW)
43.	<b>Electronics</b>	Young 's modulus Set- up consisting of vertical stand with bracket, optical lever, weights, diode laser
44.		e/m of electron by Bar Magnet Set- up consisting of power supply+ CRT+ bar magnet + compass box + wooden stand set + patch chords + weight
45.		Resistance transducer – Strain Gauge setup: Strain gauge, built in power supply, onboard gain and offset adjustment, Digital display, cantilever arrangement
46.		LVDT setup: Digital display, excitation generator, on board LVDT displacement measurement
47.		LDR, Photo diode, and Photo transistor setup consisting four different Optical Transducers with onboard power supply, signal condition in circuits
48.		Fiber optics sensor setup/kit : Diode Laser, optical mounts FO sensor. Optical detector
49.		Faraday rotation setup: He-Ne Laser, optical mounts, polarizer, analyser, Faraday Rod, Multimeter and detector
50.		Electro- optic Effect setup: He-Ne Laser, optical mounts, polarizer, analyzer, Electro-optic modulator, Multimeter and detector
51.		Universal Dev Board with FPGA and CPLD: FPGAs, CPLDs from Xilinx, on board input- output, ADC, DAC Memory, Displays, keyboard & peripheral
52.		Mini micro centrifuges, 8x1.5/2.0 mL rotor and 4- place strip tube rotors included, 230V
53.		Digital Balance 0-200g/0.001g

  
 Dr. Garima Gupta  
 Scientist – 'F'

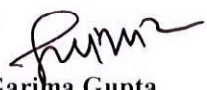


54.		Power Supply/Battery kit for Digital Mass Flow Meter
55.		Digital Mass Flow Meter Flowrate 0- 500ml/min or higher
56.		Nano particles Generation setup: Max Speed 15000rpm, Max RCF 21000 g Max Capacity >400ml, Digital timer range 0-99min, programmable
57.		Setup for study of architecture of Mobile phone: Dual SIM GSM mobile equipment, Keypad of mobile handset, SIM sockets and User Interface Vibrator, Buzzer, Microphone, Speaker, Hands free port and display LEDs with switched faults creation facility and 58 test points for signal observation
58.		<b>Set- up for Satellite Communication System [Qty – (01), Rs. 1,15,000/-]</b>
59.		Control Lab setup with software and data acquisition* Temperature sensor, light sensor, DC motor, servo Motor, LED lamps, IR sensor, relay SPST, relay DPDT, debounce switch, LED bar, buzzer etc., which can be used for the study of control system using P, PI & PID along with Data Acquisition System
60.		<b>AI Builder [Qty – (01), Rs. 2,35,250/-]</b>
61.		<b>IoT Builder [Qty – (01), Rs. 1,31,250/-]</b>
62.		<b>3 D Printer [Qty – (01), Rs. 2,17,750/-]</b>
63.	<b>Physics</b>	Programmable Portable Data Logger with touch screen interface
64.		Complete set- up for study of piezoelectric crystals
65.		Complete set- up to measure susceptibility of paramagnetic solution by Quincke's tube Method.
66.		Complete set- up to plot B-H curve of iron using a solenoid
67.		Type A - Multi Output (three) Regulated DC Power Supply
68.		Complete Analog Communication Trainer Kit
69.		Complete trainer Kit for studying Pulse Amplitude / Position / Width Modulation & Demodulation
70.		Complete trainer kit for studying Amplitude/ Frequency/ Phase Shift Keying Modulation & Demodulation
71.		Complete set- up to study characteristics of MOSFET, FET & UJT
72.		Complete Hartley and Colpitt Oscillators Trainer set-up

  
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73.		Training Platform to study Flipflops, Shift Registers & Counters
74.		10 MHz Single Channel Function Generator
75.		Digital Storage Oscilloscope (DSO)
76.		Theta – two theta rotation stage
77.		Type A – Optical breadboard
78.		Complete set- up to measure characteristics of DIAC, TRIAC & SCR
79.	<b>Zoology</b>	Soil and water analysis kit (multiparameter)
80.		Weighing Balance 0.1 mg
81.		pH meter 3 point Calibration bench top
82.		<b>Gel documentation system with computer system [Qty – (01), Rs. 2,50,000/-]</b>
83.		Horizontal gel apparatus
84.		Power pack 300V
85.		<b>Fully Automatic Autoclave with digital controller 50 Liters [Qty – (01), Rs. 1,10,000/-]</b>
86.		Double distillation unit – 2.5 ltrs/hrs
87.		BOD incubator
88.		UV hand held lamp
89.		Refrigerator
90.		<b>-20 ° C Deep Freezer 450 Ltrs, Epoxy Coated Metallic Body [Qty – (01), Rs. 1,57,000/-]</b>
91.		Micro Centrifuge
92.		Magnetic Stirrer with hot plate
93.		<b>Microscope with camera (Botany) [Qty – (01), Rs. 2,99,250/-]</b>

  
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