



Ref: ALS/BLR/ENV/PCB/2023-24/007

Date: 29/June/2023

The Environmental officer,
Karnataka State Pollution Control Board (KSPCB)
R/O Bangalore South-2, Thimmaiah Road
Nisargha Bhavan, 1st Floor, 7th D Main Shivanagar
Bangalore – 560 010.

Dear Sir,

Sub: Submission of Form 4 Biomedical Waste annual returns – Jan 2022 to Dec - 2022.

With reference to the above subject, please find the attached Form 4 Bio medical Waste annual returns from January -2022 to December - 2022.

Kindly acknowledge the same and oblige.

Thanking you,

Aragen Life Sciences Private Limited,

Dr. Kanak Majumdar

Vice President

Authorized Signatory



Enclosures:

Form 4 Bio Waste annual returns – Jan -2022 to Dec – 2022 & BMW MOM Copy.

Correspondence Address
Aragen Life Sciences Pvt. Ltd.
Plot No. 284 Part A, Bommasandra Jigani Link Road
Jigani, Bengaluru 562 106, India
T: +91 80 6814 7676
W: aragen.com

Registered & Corporate Office
Aragen Life Sciences Pvt. Ltd.
28 A, IDA Nacharam, Hyderabad 500 076, India
T: +91 40 6692 9999 F: +91 40 6692 9900
CIN: U74999TG2000PTC035826

Form – IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

SL NO	Particulars	
1	Particulars of the Occupier	
	(i) Name of the authorized person(occupier or : operator of facility)	Mr. Mohan Kumar
	(ii) Name of HCF or CBMWTF	Aragen life sciences Ltd Jigani
	(iii) Address for Correspondence	Aragen Life Sciences Limited plot no 284 part A, Jigani Bommasandra link road Telephone:7899252275 E-Mail:mohan.venkatesh@aragen.com
	(iv) Address of Facility	Aragen Life Sciences Limited plot no 284 part A, Jigani Bommasandra link road Telephone:7899252275 E-Mail:mohan.venkatesh@aragen.com
	(v)Tel. No, Fax. No	08068147622
	(vi) E-mail ID	mohan.venkatesh@aragen.com
	(vii) URL of Website	www.aragen.com
	(viii) GPS coordinates of HCF orCBMWTF	12° 46' 59.5416''N 77° 38' 54.0096''E
	(ix) Ownership of HCF orCBMWTF	Limited company
	(x). Status of Authorization under the Bio-MedicalWaste (Management and Handling) Rules	Authorization No.: 185082/2021-22/729 dated 23 Dec 2021 valid up to Life time
(xi). Status of Consents under Water Act and air act	Valid up to:30/06/2026	
2	Type of Health CareFacility	
	(i) Bedded Hospital	Not applicable
	(ii) Non-bedded hospital Laboratory (Clinic or Blood Bank or Clinical or Research Institute or Veterinary Hospital or any other)	Clinically laboratory
(iii) License number and its date of expiry	Not applicable	
3	Details of CBMWTF	Not applicable
	(i) Number healthcareCBMWTF Facility covered by CBMWTF	Not applicable
	(ii) No of beds covered byCBMWTF	Not applicable
	(iii) Installed treatment and disposal capacity of CBMWTF:	Not applicable
	(iv) Quantity of biomedical waste treated or disposed in kg per day (on monthly average basis)	Enclosed in annexure 1



Form – IV
(See rule13)
ANNUAL REPORT

4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category & Red Category : Enclosed Annexure 1
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	
	1. Details of the Site Storage facility	Size & Capacity: Bio medical waste stored in a well ventilated area and Protected in rain Provision of on-site storage: (cold storage or any other provision) Yes stored in refrigerator
	2. Disposal facility	Type of treatment Equipment 1.Incinerators 2.Plasma Pyrolysis 3.Autoclaves 4. Microwave 5.Hydroclave 6. Shredder 7.Needle tip cutter or destroyer 8. Sharps encapsulation or - 9. concrete pit 10. Deep burial pits: 11. Chemical disinfection: Any other treatment equipment- Not applicable
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	Nil
	(iv) No of vehicles used for collection And transportation of biomedical waste	Not applicable
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	Not applicable
	(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed off	Maridi Bio Industries Pvt Ltd Building No.8, "SUNAGA ARCADE", 1St Main, 8th Cross Rd, Sampangi Rama Nagar, Bengaluru, Karnataka 560027
	(vii) List of member HCF not handed over bio-medical waste.	Not applicable
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes enclosed in annexure 2
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW	
	(ii) number of personnel trained	
	(iii) number of personnel train at the time of induction	
	(iv) number of personnel not undergone any training so far	



Form – IV
(See rule13)
ANNUAL REPORT

	(v) whether standard manual for training is available?	A standard PPT and biomedical waste management rules 2016 is referred for training
	(vi) any other information)	Nil
8	Details of the accident occurred during the year	Nil
	(i) Number of Accidents occurred	Nil
	(ii) Number of the persons affected	Nil
	(iii) Remedial Action taken (Please attach details if any)	Nil
	(iv) Any Fatality occurred, details.	Nil
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	Not Applicable
	Details of Continuous online emission monitoring systems installed	Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Not Applicable
11	Is the disinfection method or? sterilization meeting the log 4 standards? How many times you havenot met the standards in a year?	Disinfection of biomedical waste water done by Sodium hypochlorite recirculation.
12	Any other relevant information	Not Applicable

Certified that the above report is for the period from 03/03/2022 to 31/12/2023

Date: 29/06/2023
Place: Bangalore



Name and Signature of the Head Institution



Types of Biomedical waste generated and Disposed for the period January 1st 2022 to December 31st 2022

S No	Month	Red Category Contaminated waste (Recyclable)	Yellow Category a) Human Anatomical waste b. Animal Anatomical waste c. Solid waste d) Expired discarded medicines E) Chemical solid waste F) Chemical liquid waste g) Discarded linen, matters, beddings contaminated with blood or Body fluid h) Microbiology, Biotechnology and other Clinical lab waste	White Category (Translucent) Waste sharps including Metals	Blue Category a. Glass ware b. metallic body implants
1	Jan-22	NIL	NIL	NIL	NIL
2	Feb-22	NIL	NIL	NIL	NIL
3	Mar-22	NIL	110.5	NIL	NIL
4	Apr-22	NIL	95.6	NIL	NIL
5	May-22	29	233	NIL	NIL
6	Jun-22	29.53	278.5	NIL	NIL
7	Jul-22	19.4	219.1	NIL	NIL
8	Aug-22	38	240	NIL	NIL
9	Sep-22	20	501	NIL	NIL
10	Oct-22	33	325.9	NIL	NIL
11	Nov-22	33	499.32	NIL	NIL
12	Dec-22	41	450.7	NIL	NIL
Total Quantity of waste generated /disposed (Kg/month) on Average		30.366	295.362		

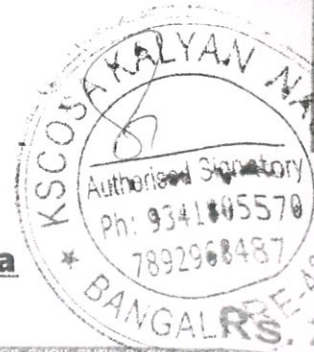




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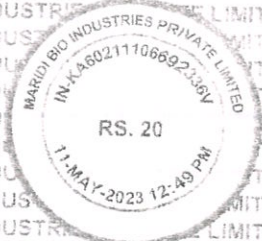
Government of Karnataka



e-Stamp

Certificate No. : IN-KA60211106692336V
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 Account Reference : NONACC/kakscsa08/ KALYANNAGAR/ KA-SV
 Unique Doc. Reference : SUBIN-KAKAKSCSA0801833157165843V
 Purchased by : MARIDI BIO INDUSTRIES PRIVATE LIMITED
 Description of Document : Article 12 Bond
 Description : AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : MARIDI BIO INDUSTRIES PRIVATE LIMITED
 Second Party : ARAGEN LIFE SCIENCES LIMITED
 Stamp Duty Paid By : MARIDI BIO INDUSTRIES PRIVATE LIMITED
 Stamp Duty Amount(Rs.) : 20
 (Twenty only)

सत्यमेव जयते



Please write or type below this line

MEMORANDUM OF UNDERSTANDING

Reg.No: 8140

M/s. **Maridi Bio Industries Pvt Ltd.**, having its registered office at No .8, SUNAGA ARCADE, 4th Floor, 1st Main, 8th Cross, S.R.nagar, Bangalore-560027, Phone No: 080-41512958/22103270, Email id: maridibmw@maridibio.com and having Its Plant at Sy.No.1/37 & 1/38, 35th Milestone, Gabbadi Kaval, Kanakapura Road, Ramanagar District, here in after referred to as, M/s. **Maridi Bio Industries Pvt Ltd.** represented by its Authorized Signatory and M/s.**ARAGEN LIFE SCIENCES LIMITED** having its Centre at Plot 28A, IDA, Nacharam

Statutory Alert:

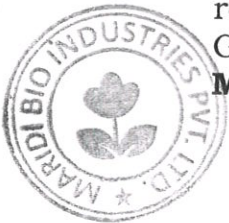
1. The authenticity of this Stamp certificate should be verified at 'www.shillestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

INDUSTRIE



Hyderabad-500076., MOB-7899252275. Email; mohan.venkatesh@aragen.com
. Here in after referred to as M/s. **ARAGEN LIFE SCIENCES LIMITED** is hereby agreed and come to the Memorandum of Understanding on this 9th Day of May month year 2023 as detailed below:

- a. M/s. **Maridi Bio Industries Pvt Ltd.** with consent from Karnataka State Pollution Control Board is having a common treatment facility for Managing Bio-Medical Waste in Ramanagaram district at 36th Mile Stone, Kanakapura Road. The facility is having a state of art Auto clave system along with the shredder and Incinerator.
- b. M/s. **ARAGEN LIFE SCIENCES LIMITED** gives its bio-medical waste properly packed in color-coded bags as per pollution control Board regulations for treatment and final disposal to M/s. **Maridi Bio Industries Pvt Ltd.** The waste should be given at one single point by the M/s. **ARAGEN LIFE SCIENCES LIMITED** at given time of M/s. **Maridi Bio Industries Pvt Ltd.** Vehicle.
- c. M/s. **Maridi Bio Industries Pvt Ltd.** will charge a price of Rs.31500/- Per Month (Rupees thirty one thousand five hundred only); **Up to 1000 kgs per month, if it exceeds Rs.30/- per Kg will be charged extra),(GST Extra as applicable) (Excluding Poly bags)** transportation, treatment and final disposal of biomedical waste. This Price will be fixed for a period of one (1) year from date of this agreement and thereafter there will be 12% (Twelve Percent) escalations in the price for every one-year on existing rate.
- d. M/s. **ARAGEN LIFE SCIENCES LIMITED** will not enter into any agreement with any other party or organization for the waste treatment and disposal unless cancel of this agreement.
- e. M/s **ARAGEN LIFE SCIENCES LIMITED** is assuring that payment should be made through Account Payee cheque In favour of M/s. **Maridi Bio Industries Pvt Ltd.** on or before 5th of every month.
- f. M/s. **Maridi Bio Industries Pvt Ltd.** is not responsible for any cash payments and also we will collect cheque bounce charges.
- g. In case of non-receipt of payment on the agreed date from M/s. **ARAGEN LIFE SCIENCES LIMITED** M/s. **Maridi Bio Industries Pvt Ltd.**, will stop the collection of waste immediately with intimation to Karnataka State Pollution Control Board. The delayed payments will be collected with an interest of 18% per annum.
- h. M/s. **Maridi Bio Industries Pvt Ltd.** will collect bio medical Waste **twice in a week(Except Sunday)** and treat the waste as per the regulations. M/s. **Maridi Bio Industries Pvt Ltd.** will not collect any General waste that is not segregated or not properly packed M/s. **Maridi Bio Industries Pvt Ltd.** will not collect general garbage.

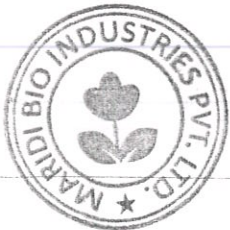


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- i. M/s. **Maridi Bio Industries Pvt Ltd.** will issue a proof of waste collection from M/s. **ARAGEN LIFE SCIENCES LIMITED** as per your declarations in the application form. This will help the individual Clinic for getting compliance with the State Pollution Board. The individual Clinic/Nursing home can take their Authorization from the pollution control board by informing the board that M/s **Maridi Bio Industries Pvt Ltd.** treats their waste (The same has to be mentioned in the Authorization Form.
- j. In case **ARAGEN LIFE SCIENCES LIMITED** find any irregularities in collection of waste, they can send a notice in writing to M/s. **Maridi Bio Industries Pvt Ltd.** for immediate action.
- k. M/s **Maridi Bio Industries Pvt Ltd.** will maintain their plant in good running condition all the time and ensure continuity of service as per agreement with your **ARAGEN LIFE SCIENCES LIMITED**
- l. This **ARAGEN LIFE SCIENCES LIMITED** Memorandum of understanding is entered into on the express understanding that M/s **Maridi Bio Industries Pvt Ltd.** will maintain and run the facilities and collect transport and treat the waste at their plant strictly in accordance with the consent of the Karnataka State Pollution Control Board and it shall be the responsibility to obtain the consent and keep the same always current.
- m. In case of violation of any of the agreed condition of the MOU by either side. Issue of notice may terminate this MOU three months in advance by either party for terminating their respective obligations.
- n. All disputes to this understanding are subject to the Jurisdiction of the court in Bangalore only.
- o. MOU Renewal Charges of Rs.200 (GST 18% Extra).
- p. *This Agreement is effective from 01.05.2023 TO 30.04.2024.*

For M/s. **Maridi Bio Industries Pvt Ltd**



Authorized Signatory

For M/s **ARAGEN LIFE SCIENCES LIMITED**

Authorized Signatory





ARAGEN LIFE SCIENCES
LIMITED
8140



ARAGEN LIFE SCIENCES
LIMITED
8140



Maridi Bio Industries Pvt Ltd

No.8, Sunaga Arcade, 4th Floor 1st Main, 8th Cross,
Sampangiram Nagar Maridi-Blr 560027

080-41512958
maridibmw@maridibio.com



Maridi Bio Industries Pvt Ltd

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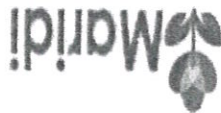
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Maridi Bio Industries Pvt Ltd



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MINUTES OF BIO MEDICAL WASTE COMMITTEE MEETING



Meeting No.: FY 22-23-02		Held On: 28. Mar .2023			
S. No	Observations	Corrective Action	Person Responsible	Target Date	Status
1	Previous meeting MOM points compliance reviewed	Compliance status verified	EHS & DMPK	NA	NA
2	Biomedical waste agreement renewal needs to do	Coordination with KSPCB vendor and finance team for agreement renewal (service letter provided from Feb-23 to Apr-23.	EHS	May-23	15/may/2023 Completed
3	New Joiners shall undergo Biomedical waste handling training program	Training program will organize for new joiners	EHS	May-23	31/05/2023 Completed
4	Vaccination for new joiners needs to organize	Vaccination drive will organize for new joiners	EHS	May-23	Completed 24/05/2023


 Secretary - Safety Committee
 Cc to: All Committee Members


 28 MAY 2023

Chairman - Safety Committee



aragen	MINUTES OF BIO MEDICAL WASTE COMMITTEE MEETING
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PAGE 1 of 1

Meeting No.: FY 22-23-01		Held On: 30.09.2022			
S. No	Observations	Corrective Action	Person Responsible	Target Date	Status
1	BMW handling training program should be cover contract employees	Training program shall conduct for contract workers	EHS	Oct-2022	Completed on 06/10/2022
2	HIRA & EAR training need to be given to Biology team	Training program shall conduct	EHS	Oct-2022	Completed on 10/10/2022
3	Pulmonary function tests (PFTs) parameter needs to be included in annual and premedical health check up program	HR team must include pulmonary function tests (PFTs) parameters in annual and premedical health check-up program	HR	Jan-2023	Completed on 15/12/2022
4	Respiratory risk assessment for peoples working in Animal facility need to be performed periodically	Semi-annual health check especially X-ray and PFT will be performed for high potential risk personnel's - e.g., Bio-medical waste collection and handling area, bedding dispensing etc.,	HR	Dec-2022	Completed on 15/12/2022

Munimura . V
Secretary - Safety Committee
Cc to: All Committee Members

Stake


Chairman - Safety Committee




Biomedical Waste Committee Members:












S No	Name	Designation
1	Dr. Sachin Atole	Chairman
2	Dr. Anoop Kumar	Expert member
3	Mr. Mohan Kumar	Secretary
4	Mr. Jagan Sabapathi	Member
5	Mr. Raju Gotte	Member
6	Mr. Girish	Member

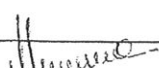


Issued by: 
(Sign & Date) 31 Oct 2022

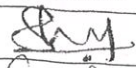

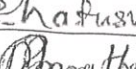
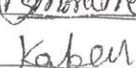
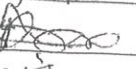
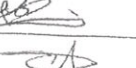
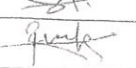
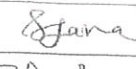
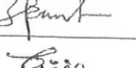
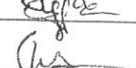
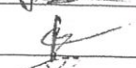
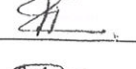
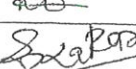
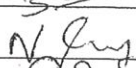



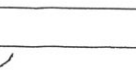


		DEPARTMENT - BIOLOGY	
Format			
TITLE: GROUP TRAINING RECORD			
Format Number:	ALS-B/FOR/DMP-002	Effective Date:	02 MAR 2022
Version:	00	Review Date:	01 MAR 2025
Supersede:	NA	Total pages:	01

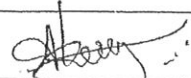
Topic: Biomedical waste segregation, handling in ABLAF		
Methodology:	Date of training: 02 Nov 2022	Time: From: 11.00 To: 12.00

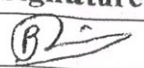

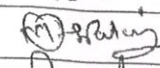
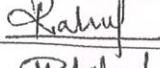
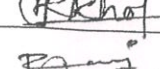
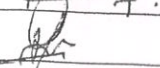
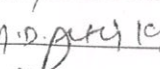
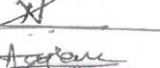
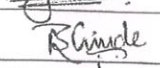
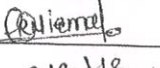
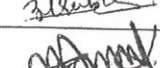
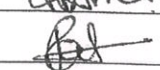
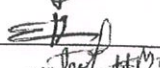
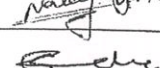
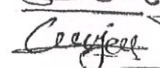
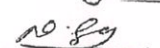

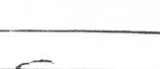
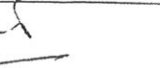
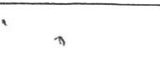
PARTICIPANTS					
S. No.	Name of the Employee	Employee Code	Department	Designation	Signature
1	KAGMU.S		ABLAF	ACP	
2	Sathish K.G		ABLAF	ACP	
3	Givish R		ABLAF	ACP	
4	DEEPTI SAHU	17905	Biology-DMAL	Spss. Scientist	
5	YESHWANT SIMHA	20929	DMPK	Sc. Manager	
6	Devesh Kumar	21432	DMPK	JRA	
7	Giridhar Bilag	20497	DMPK-Biology	RA	
8	Prajakta Hingok	21433	DMPK	JRA	
9	Theertharaj	20196	DMPK-Biology	R.A	
10	Ravi Lakshmi	20571	DMPK-Biology	S.S.M	
11	Sachin Atale	20427	DMPK, Biology	SSM	

Trainer Details	
Name of trainer: Mahesh Kumar . V	Signature and Date:  22/11/2022



Topic: Basic fire safety.		Date: 26/12/2022			
		Time			
		From: 10:00 To: 13:00			
Objective of the Training: Fire fighting demonstration, fire man lift					
Methodology: PPT & Demo					
PARTICIPANTS					
Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Shivshankar wannale	19080	Synthesis	SRA	
2	Nikam Sagar Kacharu	20584	Synthesis	SRA	
3	Raman Kumar Chatusvedi	21172	Synthesis	AS(P3)	
4	Manoj Morathe	20872	Synthesis	RA(P1)	
5	Ahammad Kabee.B	17108	Analytical	AS(P3)	
6	Ranjith Kumar.K	19861	Synthesis	SRA PA	
7	Omkes Palil	20806	Synthesis	SRA	
8	Dilip Nivrutti shinde	18352	Synthesis	P3	
9	Rahul Suresh Birnude	21309	Synthesis	SRM	
10	Subhendu Jana	20840	Synthesis	SRA	
11	Biswajit Pan	21026	Synthesis	SRA	
12	Sachinkumar. Sajjanar	21685	Synthesis	SRA	
13	Rama Krj Kame	17987	Synthesis	SRA	
14	N. Krishna Reddy	20948	Synthesis	AS	
15	Paji Gote	17658	Biology	SRM	
16	Meeuthi N. G	18941	Synthesis	SRA	
17	Srusaj. Kattara	21844	Synthesis	RA	
18	N. SELVARAJ		HVAC /sup		
19	prabhu				
20	Jagan	20223	EHS	Pr. Exeute	

Trainer Details			
Name	Abhishek Karm	Signature	

Topic: First Aid training		Date: 13/02/2022			
		Time			
		From: 09:00	To: 16:00		
Objective of the Training: First aid training					
Methodology: oral & practical					
PARTICIPANTS					
Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Rangappa.		Engg		
2	Venkatappaiah.v	20202	Synthesis	Associate scientist	
3	Mahesh Sanjay Patil	18385	Synthesis	SRA	
4	Rahul Ambadas Unde	20481	Synthesis	SRA	
5	Harshada Ravindra Khot	20729	Synthesis	JRA	
6	Ramakreddy	20571	Biology	S.S.M	
7	Vishwanath Dattatray-Purigasavi	18374	Synthesis	SRA	
8	Muniyappa Devaraj Senthil Kumar	18140	Synthesis	AS	
9	Nishkala. C.V	162425	Security	(L1c.)	
10	Arbi Tekaram Tajane	20714	Synthesis	JRA	
11	Dhanashree Prakash Shinde	20722	Synthesis	JRA	
12	Vidya Rajendra Nirmal	20716	Synthesis	JRA	
13	Abhishek Narasahab Sable	20737	Synthesis	JRA	
14	VEERA SIVA GNANA VEL	18116	Synthesis	SRA	
15	Ramakrishna Jayasapu	17987	Synthesis	Associate scientist	
16	VCHS RAMAKRISHNAM RAJU	17509	Analytical	SRA	
17	Natanaj. H.M.	20635	Biology	SRA	
18	Somnath Lahunde	20433	Synthesis	PA	
19	Adesh Gunjal	19955	Synthesis	PA	
20	SITEJI NADENDLA		Engg		

Trainer Details			
Name	S. S. NAVANEELI	Signature	