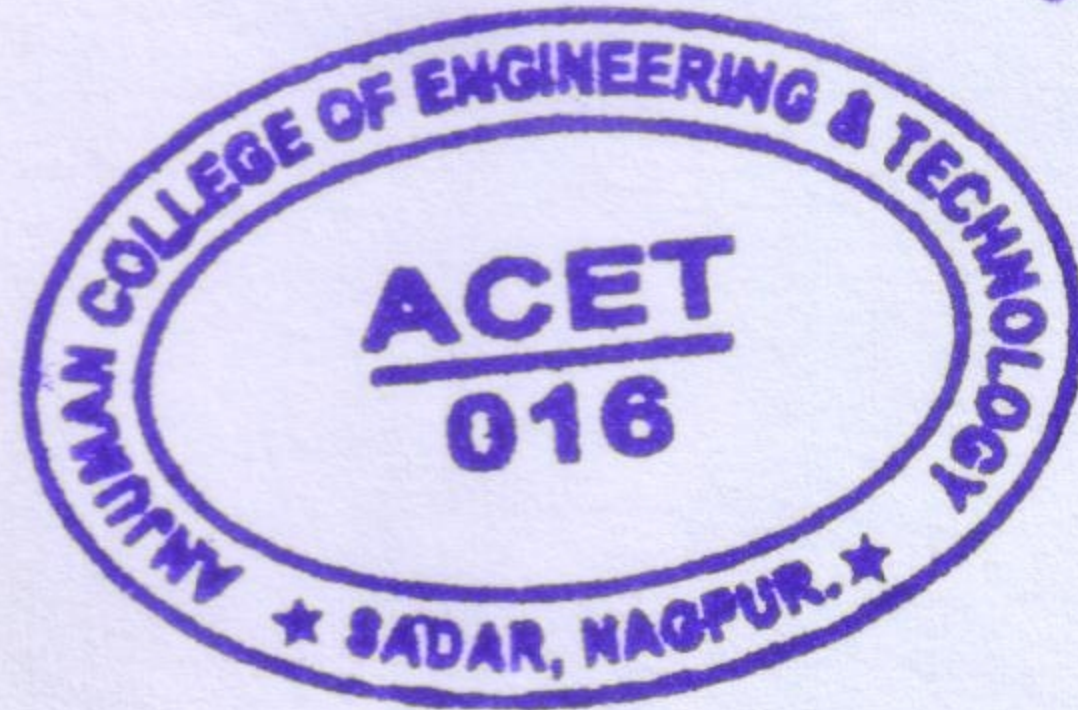


MODROB GRANT EQUIPMENTS

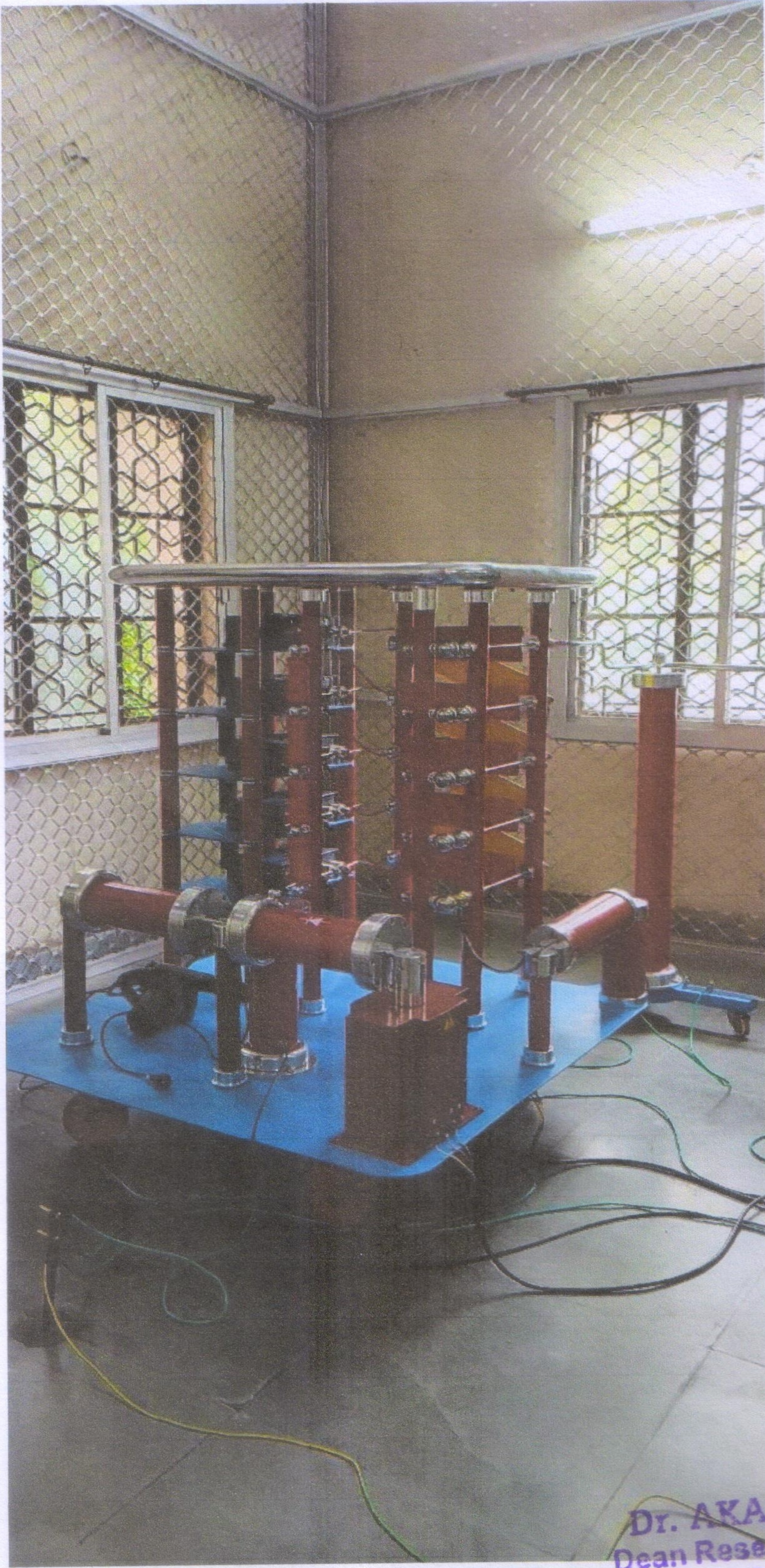
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**Dr. AKASH M. LANGDE**  
Dean Research & Development  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.



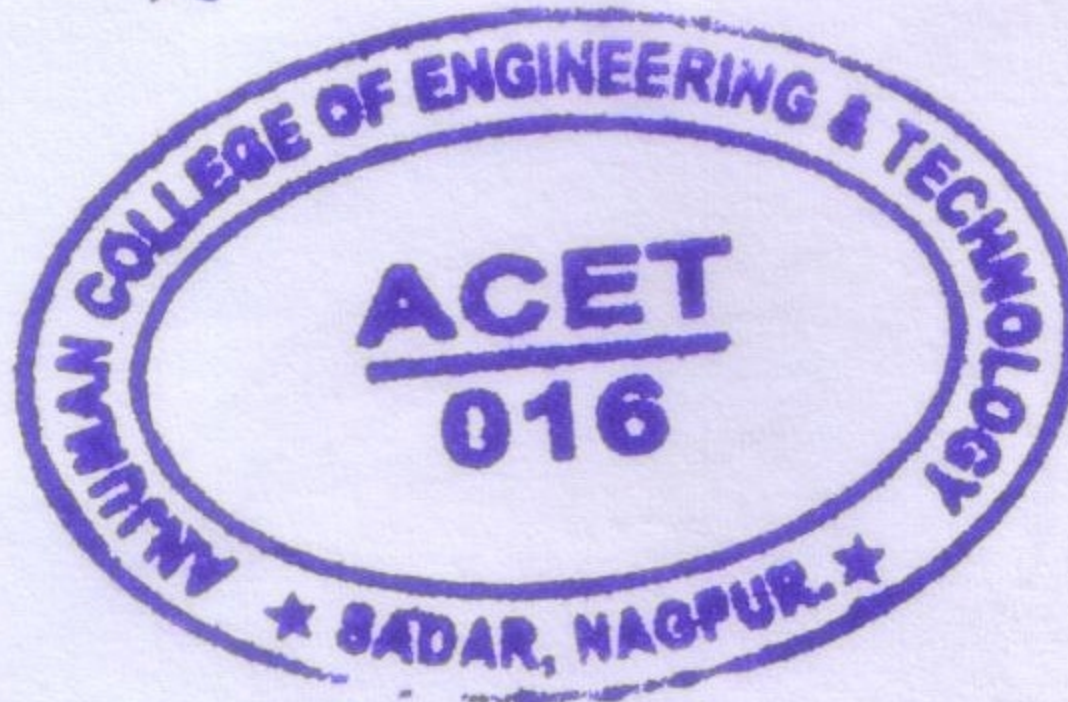
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**Dr. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.



MODROB GRANT EQUIPMENTS

*or*



*Dr. Akash M. Langde*  
**DR. AKASH M. LANGDE**  
Dean Research & Development  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.

*Dr. Syed Mohammad Ali*  
**DR. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.



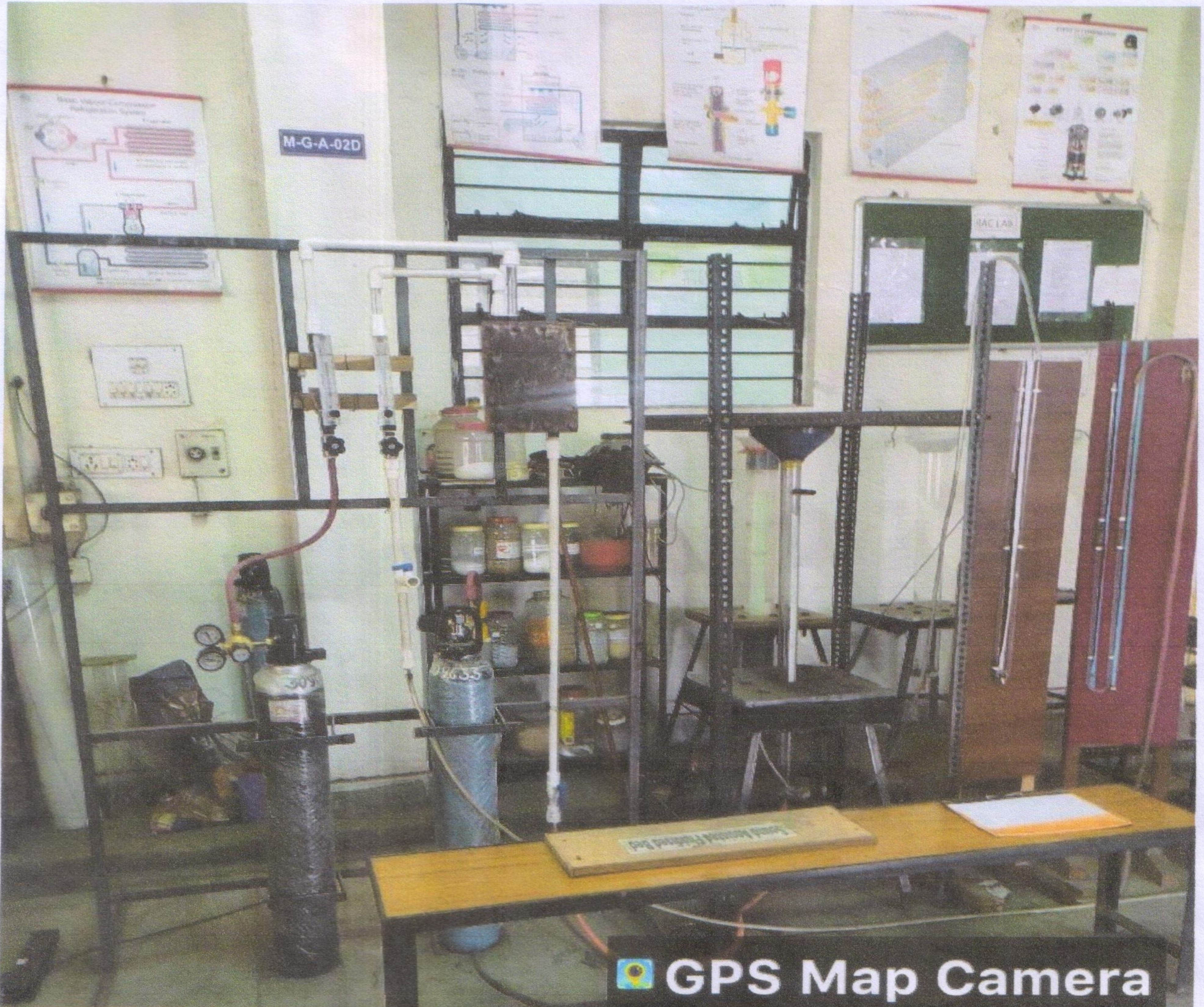
MODROB GRANT EQUIPMENTS

*or*



**Dr. AKASH M. LANGDE**  
Dean Research & Development  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.

*(Signature)*  
**Dr. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.



 **GPS Map Camera**



**Nagpur, Maharashtra, India**  
Anjuman Shopping Complex, F-10, Residency  
Rd, Sadar, Nagpur, Maharashtra 440013, India  
Lat 21.164693°  
Long 79.079979°  
24/01/23 11:49 AM GMT +05:30

RPS grant Equipments

*a* *AKASH M. ...*  
*Research & Development*  
*Anjuman College of Engineering & Technology, Sadar, Nagpur.*

**Dr. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.

**ACET**  
018  
SADAR, NAGPUR.



# ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

MANGALWARI BAZAR ROAD, SADAR, NAGPUR - 440 001.

(Managed by Anjuman Hami-E-Islam, Sadar, Nagpur.)

Ph. : 0712-2582749, 2583559, 6604502, Fax : 0712-2583559

Web Site : www.anjumanengg.edu.in E-mail : eng\_acet@rediffmail.com/eng.acet@gmail.com

Ref. No. ACET/P/1878/23

Date : 15-02-2023

## ANNEXURE

### Annual Progress Report for AICTE funded project under Modernization and Removal of Obsolescence (MODROBS)

File No. : F.No.9-3/IDC/MOD- ASP/Policy-1/2021-22  
(As mentioned in sanction letter)

Date of Sanction : 06.01.2021  
(MODROB Sanction Letter Received via Email dated 10.02.2022)

Subject Area: High voltage Engineering, Department of Electrical Engineering.

1. Project Coordinator (Name and address) : Dr.Ruhi Uzma Sheikh  
Anjuman college of Engg & Tech.  
Sadar,Nagpur
2. Project Title : Modernization & Removal Of  
Obsolescence
3. Date of Commencement of the Project : 28.02.2022  
(PEC Committee formed)
4. Duration of the Project : 2 years
5. Amount Sanctioned by AICTE : Rs. 16,37,720
6. Amount Released by AICTE : Rs. 13,10,176  
(Received dated 08.02.2022)
7. Details of Expenditure :

#### A. NON-RECURRING

S. No.	List of Equipment Procured	Cost in Rupees
1	Impulse Generator	13,21,600
2	Artificial Rain Making Instrument for Insulator Testing	2,89,100
	Total	16,10,700

#### B. Recurring (Service charges etc.)

S. No.	Items	Cost
	Under Process	
	Total	

**Gross Total (A and B):** Rs.16,10,700 (Rupees Sixteen Lakhs Ten Thousand Seven Hundred Only)

8. Whether there is any Deviation from the Purpose for which: **NO**  
Grant was Released. If so, Details of Amount to be Given

9. Has this Programme Augmented the Facilities of your :  
Institute/ Department. (If so, please describe in 100 words)

The field of high voltage engineering is advancing day by day. Therefore, by introducing the HV-ARME Artificial rain making equipment for insulator testing and HV-IG which is an Impulse Generator Test Kit in our High voltage lab.

We are trying to bridge the gap between academic knowledge and industrial application.

The students will get enhanced exposure and will be able to carry on research work meeting the industry requirement and will be able to develop good projects providing viable solutions to the electrical engineering problems.

10. Academic Application of the Equipment Procured, if any: **Used for B.E./ B.Tech students laboratory experiment.**

Dr. Ruhi Uzma Sheikh  
Project Coordinator

(Signature and Seal with date)

**Dr. Ruhi Uzma Sheikh**

Head of the Dept.

**Electrical (Electronics & Power) Engineering**  
**Anjuman College of Engineering & Technology**  
**Sadar, Nagpur.**

Dr. Syed Mohammad Ali  
Principal

(Signature and Seal with date)

**Dr. SYED MOHAMMAD ALI**

Principal

**Anjuman College of Engineering  
& Technology, Sadar, Nagpur.**



**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**MODROB ASPIRATIONAL - Sanction Letter**

F.No.9-3/IDC/MOD- ASP/Policy-1/2021-22

Date: 06.01.2021

To

The Drawing and Disbursing Officer,  
All India Council for Technical  
Education, Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of a sum of Rs.1310176/- (Rupees Thirteen lakh Ten Thousand One Hundred Seventy Six Only) being the 1<sup>st</sup> installment Grant-in-Aid under the scheme (MODROB- ASP) for the year 2021-2022 payable during the current financial year 2021-2022- reg.

Sir/ Madam,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs.1637720/- (Rupees Sixteen lakh Thirty Seven Thousand Seven Hundred Twenty Only) as sanctioned Grant-in-Aid under the Modernization and Removal of Obsolescence Aspirational (MODROB- ASP) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY, MANGALWARI BAZAR, SADAR, NAGPUR, Maharashtra		
2.	Title of Project:	Modernization and Removal of Obsolescence		
3.	Name of Coordinator:	ARCHANA SHIRBHATE		
4.	Duration of the project:	2 years		
5.	Total Project Cost:	Rs.1637720/-		
6.	Contribution from AICTE, Industry & Institute:	AICTE	Industry	Institute
		Rs.1637720/-	Rs.0/-	Rs.0/-
7.	Total Sanctioned Grant-in-aid from AICTE:	Non-Recurring(85%):	Recurring (15%):	TOTAL
		Rs.1392062/-	Rs.245658/-	Rs.1637720/-
8.	Amount to be released during the year 2021-22:	Non-Recurring(85%):	Recurring (15%):	TOTAL
		Rs.1113650/-	Rs.196526/-	Rs.1310176/-
9.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

The contributions from industry and institute (as mentioned in the row 6 of Table above) must reflect in the Receipt & Expenditure Statement in respect of this project, failing which AICTE may not consider proposals under the Scheme in future.

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS/ PFMS.

F. No. 9-3/IDC/MOD-ASP/Policy-1/2021-22

2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

**The instructions/guidelines to be followed by University/Institution**

**I. Release of funds**

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institution Pan No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	Ifsc Code
AAFTA4629J	IDBI BANK LTD	SADAR,	FIRST FLOOR SJTI COMPLEX, RESIDENCY ROAD, SADAR NAGPUR	ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Saving Account	64810010002637	IBKL00006

In case of any omission the same should be reported to AICTE immediately.

- b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- c. 80% grant of the sanctioned amount is being released to institution as first installment followed by 20% reimbursement after Utilization Certificate (UC) and other requisite documents as specified in terms & conditions of MODROB scheme.

**II. Maintenance of accounts**

- a. The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. A correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.
- c. The University/ College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- d. The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- e. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/ Director/ Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the sanction letter will not be allowed to be adjusted in the grant and if the Institution/ University does not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- f. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

**III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi**

- a. If the college/ institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2021-22, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- b. If project is not started within six months of the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.



- c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

#### IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project :-

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and **GFR-19's** shall be submitted to the Council.
- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
  - (i) Principal/Director/Registrar of the Institution (Chairperson)
  - (ii) Two HODs and one subject expert (Members).
  - (iii) Coordinator of the project (Secretary),

The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaken, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment/ items purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

#### V. General instructions

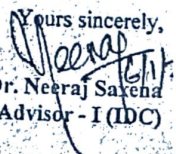
- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.
- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in

favour of the beneficiary institution shall be refunded immediately to the Council.

- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- d. The College/ Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/ Department, which has been modernized using the grant. All the equipment procured through the project should be superscribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. When the institute ceases to function, it shall take action with respect to equipment/ items procured through AICTE grants as follows:
  - i. It shall be ensured that the project has been completed and all mandatory documents have been submitted for utilization of grant and file has been closed under which the equipment has been procured.
  - ii. The equipment/ items in unserviceable condition are to be disposed off by the institute as per the Government of India rules and the sale proceeds if any, should be sent by Demand Draft in favor of Member Secretary, AICTE, New Delhi.
  - iii. The equipment/ items in working/ serviceable condition shall be transferred in preferential order to:
    - Institute under the same society/ trust/ management.
    - Nearby AICTE approved Government (Degree/ Diploma) institute/ College.
  - iv. The transportation charges for shifting of equipment/ items be borne by borrowing institute.
  - v. AICTE shall be intimated regarding handover/ takeover of the equipment/ items.
- g. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017>) should be followed during utilization of grant.
- h. The department/ institute is expected to utilize these equipment/ items alongwith others in offering student internship also by registering on the AICTE Internship Portal (@<https://internship.aicte-india.org>). The internships can be offered to students of other institutions also.
- i. As mentioned in the scheme document, the institute must register in I-STEM (Indian Science, Technology & Engineering Facilities Map) (@<https://www.istem.gov.in>).

**List of Equipment/ Items approved:**

List of Equipment/ Items
IMPULSE GENERATOR
ARTIFICIAL RAIN MAKING INSTRUMENT

Yours sincerely,  
  
Dr. Neeraj Sakhe  
Advisor - I (IDC)

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator,**  
ARCHANA SHIRBHATE  
ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY,  
MANGALWARI BAZAR, SADAR, NAGPUR
2. **The Registrar/ Director/ Principal,**  
MOHAMMAD ALI SYED

F. No. 9-3/IDC/MOD-ASP/Policy-1/2021-22

ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY,  
MANGALWARI BAZAR, SADAR, NAGPUR

3. **Guard File**



# ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

MANGALWARI BAZAR ROAD, SADAR, NAGPUR - 440 001.

(Managed by Anjuman Hami-E-Islam, Sadar, Nagpur.)

Ph. : 0712-2582749, 2583559, 6604502, Fax : 0712-2583559

Web Site : www.anjumanengg.edu.in E-mail : eng\_acet@rediffmail.com/eng.acet@gmail.com

Ref. No. ACET/P/1018/22

## OFFICE ORDER

Date : 28.02.2022

It is matter of great pleasure to inform you that the institution has received a sanction of MODROB-ASP Scheme under AQIS AICTE, New Delhi. In view of this following Project Evaluation Committee (PEC) has been constituted as per guidelines of AICTE to monitor and evaluate the existing project.

The Constitution of PEC shall be as under:

S. No	Name	Designation & Organization	Role
(i)	Dr. Syed Mohammed Ali	Principal, Anjuman College of Engg & Tech, Nagpur	Chairman
(ii)	Dr. AkashLangde	Head of Mechanical Engg Dept, Anjuman College of Engg & Tech	Member (H.O.D)
	Dr. M. T. Hasan	Head of AI & DS Anjuman College of Engg & Tech, Nagpur	Member (H.O.D)
	Dr. RuhiUzma Sheikh	Asst Prof & Co-coordinator of the Project (MODROB) Anjuman College of Engg & Tech, Nagpur	Subject Expert
(iii)	Dr. Archana Shirbhate	Head of Electrical Engg Dept & Associate Professor Anjuman College of Engg & Tech, Nagpur	Secretary Project Coordinator (MODROB)

Responsibilities of PEC members as follows:

1. The minutes of the meetings are to be submitted to the council at the end of the project with mandatory documents.
2. Project Completion report indicating the activities undertaking, number of students benefited, laboratories works photographs of students.
3. Submission of Attested photographs, supporting vouchers/bills of expenditure incurred for the completion of project.
4. Photographs of equipments/ items purchased.
5. Submission of Feedback Form in the prescribed Proforma.
6. Submission of Annual Progress Report (APR) in the prescribed format along with the original statement of account Expenditure duly signed by the Principal within one month after completion of each financial year.
7. Submission of Utilization certificate (UC) as per MODROB-AICTE.

  
Dr. S. M. Ali

Principal

**Dr. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.

Encl: 1. Sanction letter of MODROB Aspirational Scheme  
Copy to:

1. All members of the PEC committee
2. Office record.





# ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

MANGALWARI BAZAAR ROAD, SADAR, NAGPUR - 440001.

(Managed By Anjuman Hami-E-Islam, Nagpur)

PHONE : 07122 582749, 2583559 FAX 0712 2582749

Website : [www.anjumanengg.edu.in](http://www.anjumanengg.edu.in) E mail : [eng\\_acet@rediffmail.com](mailto:eng_acet@rediffmail.com) / [eng\\_acet@gmail.com](mailto:eng_acet@gmail.com)

Ref No. ACET/P/2022/256

Date: 11-05-2022

To,  
Hon'ble Administrator,  
Anjuman Hami-E-Islam,  
Sadar, Nagpur.

**SUB : Permission for purchase of MODROB Equipment for High Voltage Lab. Of Electrical Engg. Deptt. of our College.**

Reference No.: F.No.9-3/DC/MOD-ASP/Policy-1/2021-22 dated 06/01/2021

Respected Sir,

This is regarding the purchase of MODROB equipments for High Voltage Lab. of Electrical Engineering Department of our College. The total amount sanctioned for the purchase is 16,37,720/- out of which the amount sanctioned for non-recurring (equipment) purchase is Rs. 13,92,062/- and for recurring the amount is Rs. 2,45,658/-.

As seen in comparative statement prepared after negotiation held on 19/04/2022, M/s. Uptech Engineering Agencies, Nagpur and M/s. Techno Marketing Centre, Nagpur are not providing the required make as asked, hence may be rejected.

Whereas M/s. Techno Scientific Company, Mumbai is providing the required make and hence recommended by Project Coordinator and Project Co-coordinator. Also, he is authorized dealer for the supply of required equipments.

Therefore it is proposed that M/s. Techno Scientific Company, Mumbai may be considered for supply of above MODROB ASP items amount to Rs 16,10,700/- (Rupees Sixteen Lac Ten Thousand Seven Hundred Only) including 18% GST. Out of 16,10,700/-, Rs. 13,92,062/- is provided by AICTE where as Rs. 2,18,638/- is shared by our College.

Thanking you.


Yours faithfully,

  
PRINCIPAL


Anjuman College of Engineering & Technology  
Dr. SYED MOHAMMAD ALI  
Principal

Anjuman College of Engineering  
& Technology, Sadar, Nagpur.

May kindly be sanctioned

  
ANEEES AHMAD  
Advisor (General Administration)  
Anjuman Hami-E-Islam,  
Sadar, Nagpur.

Proposal accepted.

  
19.05.2022

Administrator  
Anjuman Hami-E-Islam  
Sadar, Nagpur-1.



# ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

MANGALWARI BAZAR ROAD, SADAR, NAGPUR - 440 001.

(Managed by Anjuman Hami-E-Islam, Sadar, Nagpur.)

Ph. : 0712-2582749, 2583559, 6604502, Fax : 0712-2583559

Web Site : www.anjumanengg.edu.in E-mail : eng\_acet@rediffmail.com/eng.acet@gmail.com

Ref. No. ACET/P/1281/22

Date : 26.05.22

To,  
Techno Scientific Company,  
102/7, Shreyas, P.B. Sule Marg, Wadala,  
Mumbai-400031

**Sub. : Work order for supply of MODROB ASP equipments for High Voltage Lab of Electrical Engg department as mentioned in price schedule.**

**Ref. : Your quotation vide no. TSC/Q/22 dated 24/03/2022.**

Dear Sir,

With reference to above, we are pleased to accept your rates for **supply of MODROB ASP equipments for High Voltage Lab of Electrical Engg department** as specified in price schedule attached herewith, subject to the following terms & conditions:

## TERMS & CONDITIONS:

**01. RATES:**

The rates accepted and detailed in price schedule annexed herewith are inclusive of all taxes, excise duty, sales tax and all other taxes, levies, transport charges, handling, polishing, and finishing delivery at our premises, installation, testing, training etc. wherever necessary and as directed. Nothing extra shall be payable on any account.

**02. VALUE OF ORDER:**

Total value of this order shall be **Rs. 16,10,700/-**.  
**(Rupees Sixteen Lac Ten Thousand Seven Hundred Only)**

**03. DELIVERY:**

Delivery will be made at Anjuman College of Engineering & Technology, Sadar, Nagpur as directed.

**04. DELIVERY PERIOD:**

Time is the essence of this contract and hence you should supply the equipment within **Fifteen week/s** from the date of receipt of this order. In case the supply is delayed by over **One week/s** without assigning any reason thereof for the delay to the satisfaction of the undersigned, your order shall be liable for cancellation and a penalty of 2% of the value of the material/s not supplied, shall be levied.



05. **WARRANTY/ GUARANTEE:**

**Minimum Twelve Months Warranty** for the equipments supplied shall be binding on you wherever applicable for which necessary certificates should be issued with the supply of the equipments. In the absence of which, payment for the same is liable to be held up.

06. **PAYMENT:**


On satisfactory completion of supply of equipments, you may submit your Final bill/s in **triplicate** along with **delivery memo** duly endorsed by our authorized staff.

**50% advance payment** along with Supply order shall be made, **40% on delivery of equipments** and balance **10% against installation, testing and training of our staff with no extra cost** and after due scrutiny and certification by our authorized staff on submission of your Final bill/s. If the supply is not made as per the specifications or found defective, it shall be replaced immediately without any extra cost to us. Payment shall be made by **Crossed Cheque** drawn on any Local Area National Bank.

Any other information, if required can be obtained from the office of the undersigned.

Please acknowledge the receipt of this order.

Regards.

  
Principal  
**Dr. SYED MOHAMMAD ALI**  
Principal  
ACET, Sadar, Nagpur.  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.  
(Encl. Price schedule)



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY  
Mangalwan Bazar Road, Sadar, Nagpur-01

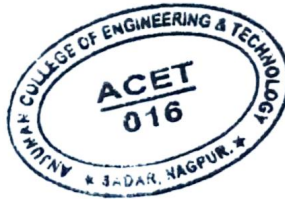
PRICE SCHEDULE

Sr. No.	Particular	Quantity	Price/ Unit (Rs.)	Amount (Rs.)
1	High Voltage Impulse Generator, 150kV, 225J, 5 Stage, Includes: Impulse Generator, Control Desk, Trigger Unit, Oscilloscope, Probe, Power Cable, Delay Cable, Connecting Wires, Instruction Manual, Test/Calibration Certificate.	01	11,20,000/-	11,20,000/-
2	Artificial Rain Making Equipment, 1ph 230V AC, 50Hz, 12 nozzles, Rain making kit, gauge, Power Supply Cable, Test Certificate, Instruction Manual	01	2,45,000/-	2,45,000/-
Sub Total				13,65,000/-
GST @ 18%				2,45,700/-
Grand Total				16,10,700/-

In Words: Rupees Sixteen Lac Ten Thousand Seven Hundred Only.

  
PRINCIPAL  
ACET, Sadar, Nagpur.

  
**DR. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.





**ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY**  
Mangalwari Bazar Road, Sadar, Nagpur-01

**PRICE SCHEDULE**

Sr. No.	Particular	Quantity	Price/ Unit (Rs.)	Amount (Rs.)
1	High Voltage Impulse Generator, 150kV, 225], 5 Stage, Includes: Impulse Generator, Control Desk, Trigger Unit, Oscilloscope, Probe, Power Cable, Delay Cable, Connecting Wires, Instruction Manual, Test/Calibration Certificate, Includes: Impulse Generator, Control Desk, Trigger Unit, Oscilloscope, Probe, Power Cable, Delay Cable, Connecting Wires, Instruction Manual, Test/Calibration Certificate.	01	11,20,000/-	11,20,000/-
2	Artificial Rain Making Equipment, 1ph 230V AC, 50Hz , 12 nozzels, Rain making kit, gauge, Power Supply Cable, Test Certificate, Instruction Manual	01	2,45,000/-	2,45,000/-
			Sub Total	13,65,000/-
			GST @ 18%	2,45,700/-
			<b>Grand Total</b>	<b>16,10,700/-</b>

In Words: Rupees Sixteen Lac Ten Thousand Seven Hundred Only.

*Dr. Syed Mohammad Ali*  
PRINCIPAL  
ACET, Sadar, Nagpur.

*Pub*  
26/5/22  
**Dr. SYED MOHAMMAD ALI**  
Principal  
Anjuman College of Engineering  
& Technology, Sadar, Nagpur.





# TECHNO SCIENTIFIC COMPANY

102/7, Shreyas, P.B. Sule Marg, Wadala, Mumbai - 400 031  
Phone: 022-24183853 Fax: 022-24183853 Email: [teknobby@gmail.com](mailto:teknobby@gmail.com)

## TAX-INVOICE

Principal, Anjuman college of Engineering and Technology Mangalwari Bazar Rd, Sadar, Nagpur - 440001  Customer GST No : Customer State : Maharashtra State Code : 27	Inv No.	050/2022-23
	Date	01/08/2022
	PO Ref No.	ACET/P/1281/22
	Date	26/05/2022
	GST Rate	18% GST
	Attn:	H.O.D Electrical Engg dept.

Payment Terms : 50% advance with PO, 40% against delivery & balance 10% against demo & testing.

Shipped To : Nagpur

Sr. No.	Items	HSN Code	Qty	Unit Price Rs.	Total Amount Rs.
1	150kV, 225J, 5 stage Impulse generator with oscilloscope	90303390	1 No.	11,20,000/-	11,20,000/-
2	Artificial rain making equipment 12 nozzles	90303390	1 No.	2,45,000/-	2,45,000/-
					13,65,000/-
					Plus 9% SGST 1,22,850/-
					Plus 9% CGST 1,22,850/-
					<b>Total 16,10,700/-</b>

In words Rs. Sixteen lakh ten thousand seven hundred only.

Certified that the particulars given above are true & correct.

GSTIN No : 27AAIFT0787F1ZX

AN NO : AAIFT0787F

State : Maharashtra

State Code : 27

Bank Details : Bank of Baroda

Matunga branch, A/c.No. 99190200000710

IFSC Code BARB0DBMATU (Fifth character is zero)

E.&O.E

For TECHNO SCIENTIFIC COMPANY

Terms: Goods once sold and delivered cannot be accepted back. Payment by crossed and order cheque is requested on receipt of consignment or as agreed. Payment to be cleared as per agreed terms otherwise 24% p.a. interest will be charged. Please inspect the goods immediately. Complaints if any must be intimated to us within ten days of receipt of goods, after which no complaints will be entertained. The above contract is Subject to MUMBAI Jurisdiction.

**RECEIVED**

ACET

Enterd In stock register ACET/EE/HVEL/SRB-28

Ledger / Page No. 141.15...

Store Incharge.....

Principal : *(Signature)*

**RECEIVED**

ACET

Enterd In stock register Store

Ledger / Page No. 41/B/2504-10/34

Store Incharge.....

Principal : *(Signature)*

Purchase Committee	
Comments.....	40%
Convenor.....	D. Princy Das
.....	.....
.....	.....

aided for release of  
payment

→ [Signature] 18/8/22

2) Dr M. S. Chaitis → [Signature] 18/8/22

3) Dr. M. Nasiruddin → [Signature] 18/08/2022

4) Dr. M. Sohail Pervez → [Signature] 18/08/2022

5) Abdul Gaffar → [Signature] 18/8/2022

To,  
The Principal  
A.C.E.T.,  
Nagpur

Subject: Regarding Release of Advance 50% payment for MODROB-ASP project

Letter Reference No: ACET/P/1281/22 dated 26.05.2022

Respected Sir,

With the above cited subject and reference no, we have placed the work order to M/s Techno Scientific Company, Mumbai, for supply of MODROB ASP equipment for High Voltage Lab of Electrical Engineering Department. Total amount of work order is Rs. 16,10,700/- (Sixteen lacs Ten Thousand and Seven Hundred only), as per work order the payment terms are **50% advance payment along with purchase order which is Rs. 8,05,350/- (Eight lacs Five Thousand and Three Hundred and Fifty Only)**, 40% on delivery and remaining 10% on Installation, testing, and Training of our Staff with no extra cost.

Bank Details: Bank of Baroda, Matunga Branch, A/c No. 99190200000710

IFSC Code: BARB0DBMATU (5<sup>th</sup> character is zero)

Therefore, we the undersigned requesting you to kindly release the above said amount Rs. **8,05,350/-**

Thanking You

*27/05/22*  
Dr. Ruhi Uzma Sheikh

MODROB-ASP PROJECT CO-COORDINATOR

*27/5/2022*  
Dr. Archana Shirbhate

MODROB-ASP PROJECT, Coordinator

*ACET Principal*  
*27/5/22*  
*27/5/22*  
Already approved hence forwarded for 50% advance payment through RTGS/NEFT is Rs. 8,05,350/- (Rupees Eight lac five thousand three hundred fifty only)

*27/05/2022*  
(M. Naziruddin)

*27/05/2022*  
(S. A. Hussain)

*27/5/22*

## Application form for RTGS

Date \_\_\_\_\_

To,  
IDBI Bank Ltd.  
Nagpur Branch

A/c Number 64810010002637 SOL ID: 30/05/2022

A/c Name Principal Branch: Sagar  
Anjuman College of Engg  
& Technology Nagpur

Contact Person :  
Contact Address :

\_\_\_\_\_  
Principal  
\_\_\_\_\_  
Anjuman College of Engg  
\_\_\_\_\_  
& Technology Nagpur

**Contact Details**

Telephone No. 0712-2582749 Fax No. \_\_\_\_\_

Email ID \_\_\_\_\_

Relationship Manager : \_\_\_\_\_

Please debit my above account and remit value of Rs. 8,05,350/- Eight Lacs Five  
-Thous and Three Hundred Fifty Only to the below beneficiary's account on 30/05/2022

**Beneficiary's Details :**

Name of Beneficiary	Bank Name	Branch Name	Account No.	Account Type	Beneficiary Bank's IFSC Code
Techno	Bank of	Matinga	99190200		BARBODE
Scientific	Baroda		-000710		MATU
Mumbai					5th character is Zero

I agree to the terms and conditions set out in the IDBI Bank's RTGS terms & conditions document and will be bound by them.

Anjuman Hamiraji Prasad  
A/c. Anjuman College of Engg.  
[Signature]  
Asst. Account Officer  
Principal Customers Signature

\_\_\_\_\_  
(Signature Verified by Bank Staff)

EIN No. \_\_\_\_\_

(for Office Use only) 30/05/2022

IBKLR920 22053 000071943

Unique Transaction Reference No.  
Sequence Number  
Transaction Reference No.  
Initials of Bank Official



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IDBI BANK** **A/c. Payee Only**

1 ST FLOOR, SJTI COMPLEX, RESIDENCY ROAD  
SADAR NAGPUR, NAGPUR, MAHARASHTRA Pin - 440001  
IFSC : IBKL0000848

VALID FOR THREE MONTHS ONLY

दिनांक 30 05 20 22  
Date D D M M Y Y Y Y

Pay *Your self*

या धारक को, Or Bearer

रुपये Rupees *Eight Laes Five Thousand Three Hundred -*  
*Fifty only*

अदा करे। ₹ 8,05,350/-

A/C No: 64810010002637

Savings

Payable at Par at All IDBI Bank Branches

Anjuman Hami-E-Islam  
A/c. Anjuman College of Engg. & Tech.

*[Signature]*  
ANJUMAN COLLEGE OF ENGG & TECH, NAGPUR  
Asst. Account Officer

Please sign above

⑈366733⑈ 440259006⑈ 064800⑈ 3⑈

NORMAL / 50 / 1873322 / 03-Nov-2021  
SESWASAJ (M) / CTS - 2010

# STOCK BOOK

5.5.111

Name of Article IMPULSE GEN. Rate \_\_\_\_\_ Quality \_\_\_\_\_  
 वस्तु का नाम धारा क्वालिटी

Date	Particulars विवरण	Voucher or Bill No. विल नं.	RECEIPTS आवक घाल		ISSUED जावक घाल		BALANCE बची संख्या	
			Quantity संख्या	Amount रकम Rs. Ps.	Quantity संख्या	Amount रकम Rs. Ps.	Quantity संख्या	Amount रकम Rs. Ps.
01-08 2022	TECHNO SCIENTIFIC CO. H.V. Make	050 2022-23 01		1120,000/-				
			Setup	201,600/-	18% GST			
				1321,600-00				
	→ Impulse Generator 150 KVA, 225J, 5 stage impulse Generator with Oscilloscope.							


Recd  
06/8/22

*[Signature]*

# STOCK BOOK

15

Name of Article ARTIFICIAL Rate \_\_\_\_\_ Quality \_\_\_\_\_  
 वस्तु का नाम RAIN MAKING EQUIPMENT क्वालिटी \_\_\_\_\_

Date	Particulars विवरण	Voucher or Bill No. बिल नं.	RECEIPTS आवक पाल		ISSUED जावक पाल		BALANCE बची संख्या	
			Quantity	Amount	Quantity	Amount	Quantity	Amount
			संख्या	रकम Rs. Ps.	संख्या	रकम Rs. Ps.	संख्या	रकम Rs. Ps.
01-08 2022	TECHNO SCIENTIFIC CO. H.V. Malce  → Artificial Rain Making Equipment with 12 Nozzels	050 2022-23	01	2,45,000/-				
			Setup	44,100/-	18% GST.			
				<u>289,100/-</u>				
					Recd: 06/8/22  			



To  
The Principal,  
ACET, Nagpur

## CERTIFICATE

This is to certify that M/s TECHNO SCIENTIFIC COMPANY, MUMBAI has supplied the equipments as per supply order no. ACET/P/1281/22 dated 26.05.2022 for supply of MODROB ASP equipments for High Voltage Lab of Electrical Engg department.

After verification of supplied equipments was found satisfactory in my knowledge.

The total value of the order is Rs.16,10,700/- (Rupees Sixteen Lac Ten Thousand Seven Hundred Only).

The bill submitted by the supplier is of Rs. 16,10,700/- vide invoice no. 050/2022-23 dated 01.08.2022.

As per supply order, 50% advance payment along with supply order was already made by cheque bearing no. 366733 dated 30/05/2022, 40% payment is to be made on delivery of equipments and balance 10% against installation, testing and training of staff with no extra cost.

The 40% amount to be paid on delivery of equipment is Rs. 6,44,280/- (Rupees Six Lac Forty-Four Thousand Two Hundred and Eighty Only).

This is in regards for further processing of the bill.

  
(Dr. Rubi Uzma)  
Lab Incharge &

Project Co-coordinator


  
18/08/2022  
Dr. Archana Shirbhate


Project Coordinator

  
18/08/22  
Dr. Ruhi Uzma Sheikh  
HOD, Electrical Engg

Purchase Committee :


40% payable amount by this bill is Rs. 6,44,280/-

  
18/08/22  
Dr. M. S. Khatib

  
18/08/2022  
Dr. M. Nasiruddin

  
18/08/2022  
Dr. M. Sohail Pervez

  
18/08/2022  
Abdul Gaffar

  
18/08/22  
Dr. S. M. Ali  
Principal, ACET

**IDBI BANK A/c. Payee Only**

1 ST FLOOR, SJTI COMPLEX, RESIDENCY ROAD  
SADAR NAGPUR NAGPUR, MAHARASHTRA Pin - 440001  
IFSC : IBKL0000648

VALID FOR THREE MONTHS ONLY

दिनांक 22 08 22  
Date 22 08 22  
D D M M Y Y Y Y

Pay your self

या धारक को Or Bearer

रुपये Rupees Six Lacs Forty Four Thousand Two Hundred -

Eighty only

अदा करे। ₹ 6,44,280/-

A/C No: 64810010002637

Savings

Payable at Par at All IDBI Bank Branches

Anjuman Hami-E-Islam  
Vc. Anjuman College of Engg. & Tech

*[Signature]*  
Principal

*[Signature]*  
Asst. Account Officer

ANJUMAN COLLEGE OF ENGG. & TECH, NAGPUR

Please sign above

⑈366878⑈ 440259006⑈ 064800⑈ 3⑈

NORMAL / 50 / 187325 / 03-Nov-2021

SESHASAI (M)/CTS - 2010

**Application form for RTGS**

Date 22/08/2022

To,  
IDBI Bank Ltd.  
Nagpur Branch

A/c Number 64810010002637 SOL ID: \_\_\_\_\_

A/c Name Principal Branch: Sadar  
Anjuman College of Engg.

Contact Person: & Technology Nagpur

Contact Address :  
\_\_\_\_\_  
Principal  
\_\_\_\_\_  
Anjuman College of Engg.  
\_\_\_\_\_  
& Technology Nagpur

**Contact Details**

Telephone No. 0712-2582749 Fax No. \_\_\_\_\_  
Email ID \_\_\_\_\_

Relationship Manager : \_\_\_\_\_

Please debit my above account and remit value of Rs. 6,44,289/- Six Lacs Forty - Four Thousand Two Hundred Eighty Only) to the below beneficiary's account on 22/08/2022

**Beneficiary's Details :**

Name of Beneficiary	Bank Name	Branch Name	Account No.	Account Type	Beneficiary Bank's IFSC Code
Techno	Bank of	Matunga	9919020		BARB0DB
Scientific	Baroda,	Mumbai	0000710		MATU
Company					(is zero)

I agree to the terms and conditions set out in the IDBI Bank's RTGS terms & conditions. I, Anjuman hereby declare that I am bound by them.

[Signature]  
Principal Asst. Account Officer  
Customers Signature

\_\_\_\_\_  
(Signature Verified by Bank Staff)

EIN No. \_\_\_\_\_

(for Office Use only)

Unique Transaction Reference No.  
Sequence Number  
Transaction Reference No.  
Initials of Bank Official

IBKL R 920220822007040L



SESHA SAI (P) LCTS - 2010\_10-08-2022



**High Voltage (India)**  
C-334 & 335, 3rd Main, 1st Stage Hennya Industrial Estate,  
Bangalore - 560058, Karnataka, India

### INSTALLATION - COMMISSIONING / SERVICE REPORT

HV-No.: 310 Date: 14/09/22  
Order No. (P/S): \_\_\_\_\_ Date: \_\_\_\_\_  
Call No.: \_\_\_\_\_ Date: \_\_\_\_\_  
Engineer: Naveen/Rajendar  
Contact No.: 7204612700/9738117046

Client Name: ANJUMAN COLLEGE OF ENGINEERING  
Address: \* TECHNOLOGY  
Mangalwari Bazar Road,  
Sadar, Nagpur - 440001

Call Type:  Installation / Commissioning  Service  EMC  Breakdown  Guarantee  
 Modification / Upgradation  Training / Demo  AMC  Others \_\_\_\_\_

Sl. No.	Product Description	Model No.	Item Sl. No.	Qty
1	150.K.V, 225J, 5 Stage Lightning Impulse Generator.			1nos
2	Artificial Rain Making Equipment			1nos

Nature of Complaint / Work: Installation & Demo Required for the above listed equipment's

Observation: \_\_\_\_\_ Diagnosis: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Action Taken: Installation & Demo given for the concern staff's & HOD Electrical Dept

V. [Signature]  
Engineer's Signature

#### Customer Remarks

Comments: Demonstration is well explained.  
Experiment Performed Successfully.

How would you rate the quality of service rendered by us?

1	2	3	4	5
Poor				Excellent

Name: Dr. Ruki Uzma Sheikh.  
Designation: Head and Asst. Professor.

[Signature] 14/09/22  
[Signature] 14/09/22  
[Signature] 14/09/22  
Customer's Signature

IMPORTANT: All information contained herein is confidential and not to be disclosed to parties not specified herein

To,  
The Principal  
A.C.E.T.,  
Nagpur

Subject: Regarding Release of remaining amount 10% on Installation, Testing, and Training MODROB-ASP project in High Voltage Engg Lab.

Work Order Letter Reference No: ACET/P/1281/22 dated 26.05.2022

Delivery Challan No: 047T dated 27.07.2022

Email from: [teknobby@gmail.com](mailto:teknobby@gmail.com) dated 6<sup>th</sup> & 8<sup>th</sup> Sep 2022.

Respected Sir,

With the above cited subject and reference no, we have placed the work order to M/s Techno Scientific Company, Mumbai, for supply of MODROB ASP equipment for High Voltage Lab of Electrical Engineering Department. Total amount of work order is Rs. 16,10,700/- (Sixteen lacs Ten Thousand and Seven Hundred only), as per work order the payment terms 50% advance payment along with work order, 40% on delivery of equipments was made, **and remaining amount 10% on Installation, Testing, and Training of our Staff to be made, the amount is Rs. 1,61,070/- (One Lakh, sixty one thousand and seventy only).**

The technical team is installing and testing at our premises dated 12<sup>th</sup> Sep & 13<sup>th</sup> Sep 2022, Senior Technical Trainer will visit on 14<sup>th</sup> Sep 2022 for demonstration, testing and training. As per work order we need to handover the cheque on 14.09.2022, after successful work done. The Bank Details are as:

Bank of Baroda, Matunga Branch, A/c No. 99190200000710

IFSC Code: BARB0DBMATU (5<sup>th</sup> character is zero)

Therefore, we the undersigned requesting you to kindly release the above said amount Rs. 1,61,070/- on cheque.

Thanking You

  
Dr. Ruhi Uzma Sheikh

MODROB-ASP PROJECT COORDINATOR

  
Dr. Archana Shirbhate

MODROB-ASP PROJECT COORDINATOR

*Attached as proposed  
and as approved as  
quoted by mgt*

*13/9/22  
Principal*

**IDBI BANK**

**A/c. Payee Only**

VALID FOR THREE MONTHS ONLY

14092022  
D D M M Y Y Y Y

1 ST FLOOR, SJTI COMPLEX, RESIDENCY ROAD  
SADAR NAGPUR, NAGPUR, MAHARASHTRA Pin - 440001

IFSC : IBKL0000648

या धारक को OR BEARER

Pay Techno Scientific Company, Mumbai

रुपये RUPEES One Lac Sixty One Thousand Seventy-

अदा करे। ₹ 1,61,070/-

खाता नं.  
A/C NO 64810010002637

Savings  
Payable at Par at All IDBI Bank Branches

**uman Hani-E-Islam**  
**Jc. Anjuman College of Engg. & Tech**

*(Signature)*  
Principal  
*(Signature)*  
Asst. Account Officer  
ANJUMAN COLLEGE OF ENGG. & TECH, NAGPUR

Please sign above

⑈387915⑈ 440259006⑈ 064800⑈ 31

BEHARASA (AT) / CTS - 2010 / 10-08-2022

10/08/2022



Phone : 011-26131577 - 78, 80  
011-29581000  
Website : www.aicte-india.org



अखिल भारतीय तकनीकी शिक्षा परिषद्  
( भारत सरकार का एक सांविधिक निकाय )  
( मानव संसाधन विकास मंत्रालय, भारत सरकार )  
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(A Statutory Body of the Govt. of India)  
(Ministry of Human Resource Development, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

**Amit Kumar Singh**  
Assistant Director (IDC)

F.No.9-3/IDC/MODROB-asp/Policy-1/2021-22  
Dated:23.08.2022

To,

**The Principal/Director/Registrar**  
ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY,  
MANGALWARI BAZAR, SADAR,  
NAGPUR, MAHARASHTRA, -440001

**Sub: - Change of Coordinator of project sanctioned under MODROB Scheme.**

Sir/ Madam,

With reference to email dated 18.08.2022, it is to inform that approval is accorded for change of Coordinator to Ruhi Uzina Sheikh, in place of Archana Shribhate as requested by your institute.

The conditions laid in the scheme guidelines are to be strictly complied.

Yours sincerely

*Amit*  
23.08.22

**(Amit Kumar Singh)**

**FORMAT**  
**for**  
**Annual Progress Report for AICTE funded project under Research**  
**Promotion Schemes (RPS)**  
**(2022-2023)**

(Please include sufficient details in sections 8-10 so as to facilitate proper evaluation of your project.)

**FileNo.** :8-130/FDC/RPS(POLICY-1)/2019-20

**Date of Sanction** : 14 Aug 2020( date of release of funds: 10 dec 2020)

**Subject Area** : Mechanical Engineering

1. Principal Investigator

a. (Name&Address):

Dr Akash Langde

Anjuman College of Engineering and .Technology, Sadar, Nagpur.

2. Project Title:

Development of CO<sub>2</sub> capture distinct technique by CO<sub>2</sub> adsorbents material in a sound assisted fluidized bed to reduce CO<sub>2</sub> contents.

2. Date of Commencement of the Project: 10 Dec 2020.(Date of release of funds)

3. Amount Sanctioned by AICTE :Rs. 10,52,745/-(Rs Ten lakhs fifty two thousand seven hundred and fourty five only )

4. Amount Released by AICTE :Rs 10,36,954/--(Rs Ten lakhs thirty six thousand nine hundred and fifty four only)

5. Details of Expenditure

:

**A. NON-RECURRING**

S. No.	List of Equipment Procured	Cost
1	CO2 and N2 cylinder regulator	5,000
2	Sound source ,microphone,and sound level meter	4,32,099
3	N2 cylinder	16,800
4	CO2 cylinder	16,800
5	N2 flow meter	4,857
6	CO2 flow meter	4,579
7	Flidised bed filter	185
8	Pressure Transducer	16,882
9	CO2 gas analyser	2,26,308
10	Fine size activated carbon particals	740
	Total	7,24,250/-



**B. Recurring (Consumables, TA, Books and Stationary, Manpower etc.)**

S. N	List of Equipment Procured	Cost
1	Consumables.- Acrylic Sheet	1600
2	Consumables.-Acrylic Sheet	1600
3	Consumables.- Acrylic Sheet	1600
4	Consumables.-Ms Angles	3368
5	Consumables.-gas pipe	90
6	Consumables.-HDP	100
7	Consumables.-needle valve	400
8	Consumables.-Plywood	400
9	Consumables.-upvc	300
10	Consumables.-Ms Angles	1000
11	Consumables.-Ms sheet	910
12	Consumables.- Acrylic Sheet	1600
13	Consumables.- funnel	720
14	Consumables.- tape	170
15	Consumables.-Spares	380
16	Fabrication steel box	2100
17	Consumables.-bolts	402
18	Consumables.-spares	872
19	Consumables.-bolts	624
20	Consumables.-pvc	320
21	Consumables.-pvc	216
22	Consumable-activated carbon	6667
23	Consumable-pipe	60
24	Consumable-spares	1348
25	Consumable-glass	300
26	Consumable-rubber cord	177
27	Consumable-glass u tube	150
28	Consumable-level pipe	60
29	Conference charges	12000
30	Conference charges	2000
31	manpower	5000
32	book	5700
33	Spares-consumable	120
34	Spares-consumable	190
	<b>Total</b>	<b>52,544</b>

Gross Total (A &B)= Rs. 7,76,794 (Rs Seven lakhs seventy six thousand seven hundred and ninety four only)

**Objectives of the Project** : Optimization of CO<sub>2</sub> capture process using adsorbent materials in order to minimize energy consumption and improving CO<sub>2</sub> adsorption efficiency.

**8. Salient Research Achievements**

**Summary of progress :** Extensive literature survey has been carried out for related research work. Appropriate operating variable were identified for carrying out experimentation. Experimental facility is created in the laboratory. All the designed parameters can be tested in the setup Experimentation in progress. Photograph is attached herewith.

9. New Findings/Achievements. 1) Design Patent published Journal No is 15/2023.Dated 14/04/2023.

2) One research paper is published and One review paper is accepted for scopus indexed journal.

3) Exhaustive experimental setup is designed and configured to reduce CO2 content in atmosphere which is prime cause of global warming.

Innovation Brought in Potential for Application:

(a) **Long Term:** Most of the related research work focused on adsorbent material development to minimize energy requirement. This research work aims to use appropriate adsorbent material for extracting full potential from the adsorbent material to minimize operating cost and accelerate the commercial deployment of the technology.

(b) **Immediate:** Sound energy will be used to enhance the fluidization of fine adsorbent material to reduce energy consumption resulting in reduction of operating cost and increase in CO2 adsorption capacity.

#### 10. List of Publications Arising from the Project

Title of paper	Author	journal	year
Experimental Investigations Of Carbon Dioxide (CO2) Removal Through Physical Adsorption Using Carbonaceous Adsorbents: A Review	Dr Akash Langde Atul P Ganorkar	Accepted for publication in AIP (Scopus Indexed)	2022
Experimental Investigations Of Physical Adsorption Of Carbon Dioxide By Activated Carbon As Adsorbents- A Review	Dr Akash Langde Atul P Ganorkar	International Journal Of Emerging Trends In Research	2022

11. Patent(s) Filed/to be Filed, if any: Patent(design) published Journal No is 15/2023.Dated 14/04/2023

Dated: 16/5/2023

Coordinator

Principal

Dr. SYED MOHAMMAD ALI

Principal

Anjuman College of Engineering & Technology, Sadar, Nagpur.

Members of Project Evaluation Committee (PEC): (to sign below)

1. Dr S.M. Ali

Principal

Anjuman College of Engineering & Technology. Nagpur.

(Chairperson)

2. Dr G.K. Awari.

Head, Dept. of Automobile Engineering  
Govt Polytechnic, Nagpur .

Member

(Subject expert nominated from government institute)

3. Dr. A.M. Langde  
Head & PI of project  
Dept. of Mech. Engg  
(Member)

4. Dr. Mrs A. Shirbhat  
Associate Professor.  
Dept. of Electrical Engg.  
(Member)

5. Prof K.I. Ahmed  
Associate Professor  
Dept. of Mech. Engg.  
(Member)



# SUNRISE CORPORATION



212A, Meghraj Chawl, Gandhi Chowk, Sadar  
Nagpur 440001, Maharashtra  
Contact No. : 07743916090; 09422416090; (0712)2531217  
Email : sunrise-gases@gmail.com

## Tax Invoice

PAN No.: AABHR2471K

### Customer

ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY  
MANGALWARI BAZAAR ROAD, SADAR,  
NAGPUR 440001, MAHARASHTRA

Place of Supply : Maharashtra (27)

### Billing Details

Invoice Date : 29-Dec-21  
Tax Invoice SC/21-22/229  
Customer GST :  
Customer PAN :  
P.O. No. & Dt. :  
Vehicle No. : By Hand

Description of Goods / Services	HSN / SAC CODE	D.C. No.	D.C. Dt.	No. of Units	Qty. / Cyl. Cu.M.	Total Qty Cu.M.	Rate / Unit	TOTAL
CO2 CYLINDER KEY	8481		29-Dec	1			₹ 200	₹ 200
CO2 CYLINDER KEY	8481		29-Dec	1			₹ 200	₹ 200
ADJUSTABLE SPANNER	8481		29-Dec	1			₹ 535	₹ 535
TEFLON TAPE	8481		29-Dec	1			₹ 50	₹ 50

SUBTOTAL ₹ 985

Bank Details :- Name of Beneficiary : SUNRISE CORPORATION

Bank Name and Address : Indusind Bank, Byramji Town, Nagpur Branch

A/c No. 201002106367.

IFSC Code : INDB0000560

TOTAL ₹ 985

Amount Chargeable (in Words) : INR Nine Hundred and Eighty Five Only

E. & O.E.

Terms & Conditions of sale : 1) Payment: 100% within 30 Days from the date of receipt of material at your works. Penalty of 2% per month shall be charged thereafter. 2) Rates prevailing at the time of delivery will be charged. 3) ANY DAMAGE OF BRASS VALVE WILL BE CHARGABLE @ Rs.700/- PER VALVE. 4) ANY DAMAGE OR LOSS OF CYLINDER IN YOUR PLANT WILL BE CHARGED AT Rs. 10000/- PER CYLINDER. 5) Late Fee for return of empty cylinder @Rs. 5/- per day will be charged after 15 days.

Our Turnover is below Rs. 20L, hence not registered with GST.

Received above goods in good condition. Terms and conditions in this Tax Invoice are acceptable by me.

We shall make the payment of the bill as per agreed terms

For Sunrise Corporation



Authorized Signatory

Subject to Nagpur Jurisdiction

Stamp & Sign. of the Customer

# SUNRISE

# CORPORATION

212A, Meghraj Chawl, Gandhi Chowk, Sadar  
Nagpur 440001, Maharashtra  
Contact No. : 07743916090; 09422416090; (0712)2531217  
Email : sunriseases@gmail.com

**Customer**

ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY  
MANGALWARI BAZAAR ROAD, SADAR,  
NAGPUR 440001, MAHARASHTRA

Place of Supply : Maharashtra (27)

# Tax Invoice

PAN No.: AABHR2471K

### Billing Details

Invoice Date : 30-Oct-21  
Tax Invoice SC/21-22/130

Customer GST :  
Customer PAN :

P.O. No. & Dt. :  
Vehicle No. : COPY ATTACHED  
MH31FA6205

Description of Goods / Services	HSN / SAC CODE	D.C. No.	D.C. Dt.	No. of Units	Qty. / Cyl. Cu.M.	Total Qty Cu.M.	Rate / Unit	TOTAL
CO2 GAS CYLINDER	2811		30-Oct	2			₹ 8,400	16,800
N2 GAS CYLINDER	2804		30-Oct	2			₹ 8,400	16,800
PRESSURE REGULATORS	8481		30-Oct	2			₹ 2,500	5,000
SUBTOTAL							₹	38,600
TOTAL							₹	38,600

**Bank Details :- Name of Beneficiary : SUNRISE CORPORATION**

**Bank Name and Address : Indusind Bank, Byramji Town, Nagpur Branch**

**A/c No. 201002106367.**

**IFSC Code : INDB0000560**

**Amount Chargeable (in Words) : INR Thirty Eight Thousand and Six Hundred Only**

**E. & O.E.**

Terms & Conditions of sale : 1) Payment: 100% within 30 Days from the date of receipt of material at your works. Penalty of 2% per month shall be charged thereafter. 2) Rates prevailing at the time of delivery will be charged. 3) ANY DAMAGE OF BRASS VALVE WILL BE CHARGABLE @ Rs.700/- PER VALVE. 4) ANY DAMAGE OR LOSS OF CYLINDER IN YOUR PLANT WILL BE CHARGED AT Rs. 10000/- PER CYLINDER. 5) Late Fee for return of empty cylinder @Rs. 5/- per day will be charged after 15 days.

Our Turnover is below Rs. 20L, hence not registered with GST.

Received above goods in good condition. Terms and conditions in this Tax Invoice are acceptable by me.

We shall make the payment of the bill as per agreed terms

For Sunrise Corporation



Subject to Nagpur Jurisdiction

Authorized Signatory

**Stamp & Sign. of the Customer**

**ELECTRONICS & COMMUNICATIONS PVT. LTD.**

, Shantiniketan Colony, Pratap Nagar, Nagpur-440 022 (MS) INDIA  
 0712-2287174, 2293303,9372153411 E-mail: sincom22@hotmail.com  
 : 27AANCS0623H1ZC PAN No. : AANCS0623H STATE Code: MAHARASHTRA (27)



An ISO 9001: 2015 Company  
**Electronics Educational  
 Trainer Kits**

ORIGINAL FOR BUYER

**TAX - INVOICE**

Buyer:

To,  
 The Principal,  
 Anjuman College of Engineering & Technology  
 Mangalwari Bazarar Road, Sadar,  
 Nagpur-440 001

GSTIN: N.A.

INVOICE No.	SEC/2021-22/49
Date	16/10/2021
D.C. No.	SEC/2021-22/49
Date	16/10/2021
Order No.	ACET/P/4165/21
Date	04/10/2021
Ref. No.	017
Place of Supply	Anjuman College of Engineering & Technology
Shipped To	Anjuman College of Engineering & Technology Mangalwari Bazarar Road, Sadar, Nagpur-440 001

S.N.	Particulars	Model No.	HSN Code	Qty	RATE /Unit	AMOUNT
1.	FunctionGenerator,2MHz, Sine, Square, Triangular, Digital Display	-	9023	01	11563.00	11563.00
2.	Audio Power Amplifier 100 W	-	9023	01	11305.00	11305.00
3.	Speaker/Woofer,8"	-	9023	01	2719.00	2719.00
				<b>TOTAL</b>	<b>03</b>	<b>25587.00</b>

**RECEIVED**  
 ACET verified and found ok  
 Store

**RECEIVED**  
 ACET Verified found satisfactory  
 Research Lab (ME)

Enter in stock register...  
 Ledger / Page No. 17/B/2021-10/33-58  
 Store Incharge...  
 Principal...  
 25/10/21

Enter in stock register...  
 Ledger / Page No. 001...  
 Store Incharge...  
 Principal...  
 25/10/21

**Bank Details for Cheque/ RTGS**  
**A/C Name: SINCOM Sindhu Electronics & Communication Pvt. Ltd.**  
**Bank : Bank of India**  
**Branch : Ranapratap Nagar Branch, Nagpur**  
**A/C NO. : 872220110000074**  
**IFSC : BKID0008722**  
**Amount In Words: Rs. Twenty Five Thousand Five Hundred Eighty Seven Only.**

<b>TOTAL</b>	<b>25587.00</b>
<b>P &amp; F</b>	-
<b>Taxable Amount</b>	<b>25587.00</b>
<b>SGST 09 %</b>	-
<b>CGST 09 %</b>	-
<b>IGST 18 %</b>	-
<b>R.OFF</b>	-
<b>Total Amount Inclusive GST 18%</b>	<b>25587.00</b>

Terms & conditions: • Goods once sold will not be taken back. • Interest @ 24%  
 will be charged, if not paid within the ONE month period from the date of this  
 invoice. • Disputes shall be notified in writing within Seven days from

"I/we here declare that this invoice shows the actual price of the goods described and  
 that all particulars are true and correct"

For **SINCOM**

# AVL



## Tax Invoice

IRN Number:

**Bill-To Party Name & Address:**

Vendor no:  
**ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY MANGALWARI BAZAR ROAD,SADAR NAGPUR 440001 India**  
**Customer No: 54495**  
**Contact Person:**  
**Contact No.:**  
**GSTIN: URP**  
**State code & Name: 27 Maharashtra**  
**PAN. NO:AAFTA4629J**  
**End User: ANJUMAN COLLEGE OF ENGINEERING &**

**Ship-To Party Name & Address (Place of Delivery):**

**ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY MANGALWARI BAZAR ROAD,SADAR NAGPUR 440001 India**  
**Customer No: 54495**  
**Contact Person:**  
**Contact No.:**  
**GSTIN: URP**  
**Place of supply: 27 Maharashtra**  
**PAN. NO:AAFTA4629J**

**Invoice No. HR2110102457**  
**Invoice Date: 13.10.2021**  
**Reference No. 4081335901**  
**Sales Order No. 4011043902**  
**PO No.: ACET/P/4/164/21**  
**PO Date: 04.10.2021**  
**EXPORT &**  
**Vipin Chandra Sati**  
  
vipinchandra.sati@avl.com

Description: Products/Services as per items in the Index

Sr. No.	Product Code & Description	HSN/SAC	Qty	UOM	Unit Price (INR)	Discount	Taxable Value (INR)	CGST Rate Amount (INR)	SGST Rate Amount (INR)	IGST Rate Amount (INR)	CESS Rate Amount (INR)	Total (INR)
1	TINMDD444N.01 DIGAS444N SN.3553	90271000	1	PC	191,786.00	0.00	191,786.00	0.00% 0.00	0.00% 0.00	18.00% 34,521.48	0.00% 0.00	226,307.48
<b>Total</b>						0.00	191,786.00	0.00	0.00	34,521.48	0.00	226,307.48

**RECEIVED**

ACET Verified & found ok  
 Entered in stock register. ~~Store~~  
 Ledger Page No. II/B/2009-10/33-59  
 Store Incharge Muliyil 22/10/21  
 Principal [Signature] 22/10/21

**RECEIVED**

ACET Verified & found ok  
 Entered in stock register. Book lab/  
 Ledger Page No. [Signature]  
 Store Incharge [Signature] 22/10/21  
 Principal [Signature] (A.P. Ganoder)  
 22/10/21

**Total Taxable Value:** 191,786.00  
**IGST Value:** 0.00  
**CGST Value:** 0.00  
**SGST Value:** 34,521.48  
**CESS Value:** 0.00  
**TCS Value:** 0.00

**Total Invoice Value Inclusive TCS (in words): TWO HUNDRED TWENTY-SIX THOUSAND THREE HUNDRED SEVEN AND FORTY-EIGHT ONLY.**

**Total Invoice Value Inclusive TCS:** 226,307.48

**AVL INDIA PRIVATE LTD.**

Factory address:  
 376-377, Udyog Vihar, Phase IV  
 122015 Gurgaon, Haryana, India  
 Phone +91-124-4090300  
 Fax + 91-124-2455273  
 www.avl.com

Registered office  
 C S C. C/9, Vasant Kunj  
 110070 New Delhi  
 Phone +91-1126121791  
 Fax +91-11-26122809

**Dispatched from**

AVL INDIA PRIVATE LTD.  
 376-377 Udyog Vihar, Phase IV  
 122015 Gurgaon, Haryana  
 Phone:+91(0124)-4090300  
 Fax NO+91(124)- 2455273,  
**State Code: 06 ,Haryana**

GSTIN: 06AAACA0382J2ZX  
 PAN: AAACA0382J  
 CIN NO: U74899DL1984PTC018045  
 TIN No: 06641816316 Dt. 05.09.91  
 Service TAX NO: AAACA0382JUST002



# UP-TECH ENGINEERING AGENCIES

TAX INVOICE

Ph : 2562718  
: 6639421  
Fax : 0712-6639421

Office : 103 K.D.M. House Kanchipura, Ramdaspath Nagpur-440010  
GSTIN/UIN : 27ACOPM9778K1ZH

E-MAIL : [Up-techengs@gmail.com](mailto:Up-techengs@gmail.com)

Date : 18-11-2021

Invoice No 0001

To, The principal Anjuman college of  
Engineering & Technology

Order Date : 18-11-2021

Order No. ACET/P/4167/21 Dt.4/10/2021

Nagpur

MAHARASTRA

State:  
GSTIN:

Sr. No.	Description of goods	Qty	Rate	Amount Rs.
1	Rion sound level meter with detachble microphone along with adapter measuring rang upto 140db model NL-52 Ex with NX-42 FT.	1 NOS	4,06,512.00	4,06,512.00
2	Rotameter to Measure Carbon Dioxide Gas Flow	1 NOS	4,579.00	4,579.00
3	Rotameter to Measure N2 Gas Flow	1 NOS	4,857.00	4,857.00
4	Pressure transducer 0-6 BAR with output Display <b>RECEIVED</b> ACET Enter in stock register (Rate of CME) Lecter Name No. .... 002 Store exchange..... Principal .....	1 NOS	16,882.00 <i>16,882.00</i> ACET <i>ACET</i> Enter in stock register Lecter Name No. <i>II/B/2009-10/34-61</i> Store exchange..... Principal .....	16,882.00 <i>16,882.00</i> Found ok
<b>SUB TOTAL GST Included</b>				<b>4,32,830.00</b>
<b>Grand Total</b>				<b>4,32,830.00</b>

Rupees: **Four lakhs thirty-two thousand eight hundred thirty only.**

- 1) Good Forwarded on your account & Risk
- 2) Pay by Demand Draft Only
- 3) Interest @ 21% p.a. Shall be charged after 30 days

\*I/We hereby certify that my/our Registration Certificate under the B.S.T Act is in force on the date on which the sale of the goods specified in this Bill/Cash memorandum is made by me/us and that the transaction of the sale covered by this Bill/Cash memorandum has been effected by me/us in the regular of my/our business.



E.&OE

*[Signature]*  
Authorised signatory

UP-TECH ENGINEERING AGENCIES  
NAGPUR For Up-Tech Engineering Agencies



# UP-TECH ENGINEERING AGENCIES

## TAX INVOICE

Ph : 2562718  
: 6639421  
Fax : 0712-6639421

Branch Office : 103 K.D.M. House Kachipura, Ramdaspath Nagpur-440010  
GSTIN/UIN : 27ACOPM9778K1ZH

E-MAIL : Up-techengg@gmail.com

Invoice No 0002

Date : 18-11-2021

To,

The principal Anjuman college of  
Engineering & Technology

Order Date : 18-11-2021

Order No. ACET/P/4167/21 Dt.4/10/2021

State: MAHARASTRA

GSTIN:

NAGPUR

Sr. No.	Description of goods	Qty	Rate	Amount Rs.
1	Transparent Pipe A. 4" Internal Diameter B. 2" Internal Diameter	1 NOS	1,388.00	1,388.00
2	1) Carbon activated particle. A. Coal powder B. Wood Powder C. Coconut shell powde	5kg 5kg 5kg	370.00 185.00 185.00	370.00 185.00 185.00
3	Fluidized bed filter Hole perforated 2mm DiaRound shape @110mm thickness @ 3mm <b>RECEIVED</b> ACET Verified & found ok Enter in stock register. <i>Stage</i> Ledger / Page No. <u>11/B.2009-10/34-62</u> Store Incharge. <u>Sukhdev 22/12/2021</u> <b>Principal</b>	1 NOS	185.00	185.00
<b>RECEIVED</b> ACET Enter in stock register. <i>Stage</i> Ledger / Page No. <u>11/B.2009-10/34-62</u> Store Incharge. <u>Sukhdev 22/12/2021</u> <b>Principal</b>				
<b>SUB TOTAL</b>				<b>2,313.00</b>
<b>GST Included</b>				
<b>Grand Total</b>				<b>2,313.00</b>

Rupees: **Two thousand three hundred thirteen only.**

- 1) Good Forwarded on your account & Risk
- 3) Interest @ 21% p.a. Shall be charged after 30 days

\*I/We hereby certify that my/our Registration Certificate under the B.S. Act 1959 is in force on the date on which the sale of the goods specified in this Bill/Cash memorandum is made by me/us and that the transaction of the sale covered by this Bill/Cash memorandum has been effected by me/us in the regular of my/our business.



E.&O.E.

For Up-Tech Engineering Agencies  
Authorised signatory