Point No.1



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY (INTERNAL QUALITY ASSURANCE CELL)



THE ACADEMIC YEAR 2022-23

Name of Event: Workshop on Frame working of NAAC accreditation criteria	Date of Event: 14/01/2023					
Name of Organizers: IQAC, A.C.E.T	Duration of Event:1 day					
Name of Coordinator: Dr. Archana Shirbhate	Place of Event : (Offline Mode) Seminar Hall A.C.E.T Main Building					

REPORT

A workshop on *Frame working of NAAC accreditation Criteria* under the banner of IQAC was organized at Anjuman College of Engineering & Technology on the 14thth of January 2023. Dr. Anchit Narwadkar was the Chief Guest and the speaker. He delivered his expert session on Frame working of NAAC accreditation Criteria and shared his experiences. Around 25 participants from the host institute attended the workshop. The workshop was organized by Dr. Archana Shirbhate, Coordinator of IQAC. The program was compared by Prof. Firoz Siddiqui under the guidance of Dr. S.M. Ali, Principal, and Administrator, Management Anjuman Hami-E-Islam Justice Z.A. Haq.

Glimpses of Workshop





ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY-(INTERNAL QUALITY ASSURANCE CELL)

Glimpses of Workshop







ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY-(INTERNAL QUALITY ASSURANCE CELL)



Attendance Sheets

ATTENDANCE SHEET Dak - 14/1/2023

Sr No	Name of Staff	Signature
01	Dr. Stehana Shuthali	Aut 1011227
02	Dr. Sayyord Naimueldin	Blain
03	Prof. Kamlesh Kelworde	Ma 14/81/23
04	Posti Rishinospan	efga
05	Dr. Ruhi Vema Sheikh.	Juli-14/01/23
06	Dr. RN Dehenker	QL
07	Pa Nafees P Khan	14/11/23
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09	DE Rashini G. Bade	-laade Hil23
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ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY (INTERNAL QUALITY ASSURANCE CELL)



Attendance Sheets

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Dr.Archana Shribhate Coordinator, IQAC

Dr. S. M .Ali

(Principal, ACET)

Point No.2



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOG^V (INTERNAL QUALITY ASSURANCE CELL)





ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

Mangalwari Bazar Road, Sadar, Nagpur-440001. (Managed By Anjuman Hami-E-Islam, Nagpur.)

ACADEMIC YEAR 2022-23

Name of Event: Short Term Training Program "Defect Free	Date of Event : 12 th To 16 th of June
Construction, Repair and Maintenance"	2023
Name of Organizers: Civil Engineering Department	Duration of Event : 5 Days
Name of Coordinators: Dr.Rashmi Bade, Prof.Mohd Azaz	Place of Event: Online

<u>REPORT</u>

Department of Civil Engineering conducted NITTR approved short term training program on "**Defect Free Construction, Repair and Maintenance**" on dated 12/06/2023 till 16/06/2023. The event was conducted in online mode on Google Meet and many Renown Personality in the Field Of Civil Engineering Grace the event by giving expert lecture.





ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOG[∨]

(INTERNAL QUALITY ASSURANCE CELL)





List of Participants

	Online Short Term Cou Aniuman College of	rse on "Defect free cons	truction, Repair and Mair logy, Sadar, Nagpur., In	tenance" (Na dia (organize	ational Level fi d by NITTTR	om 12-16 Jun , Chandigarh	e, 2023) ICT-29		
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	8 DR. MOHAMMAD SHAKEBUDDIN	डॉ. मोहम्मद शकीबुद्दीन	mshakeb@ynhoo.co.in 9371565296	®.	B	P	B	B	
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T,	11 DR RASHMLG BADE	डॉ. रश्मी जी. बड़े	rashmibade11@gmail.com	Rade	Rode	Rade	Robe	Call	



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY (INTERNAL QUALITY ASSURANCE CELL)



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Dr.Rashmi Bade Coordinator

Dr.S.M.Ali

Principal, ACET. Dr. SYED MOHAMMAD ALI

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



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

Mangalwari Bazar Road, Sadar, Nagpur-440001. (Managed By Anjuman Hami-E-Islam, Nagpur.)

ACADEMIC YEAR 2022-23

Name of Event: Short Term Course	Date of Event: 5-9 June 2022
Name of Organizers: Electrical Engineering Department	Duration of Event: 5 days
Name of Coordinators: Dr. Ruhi Uzma Sheikh, Nodal Centre Coordinator, Prof. Akil Ahemad, Institute Coordinator	Place of Event: Electrical Dept, ACET, Nagpur

<u>REPORT</u>

A one-week NITTTR-Chandigarh sponsored short-term course on "Energy Efficient and Decarbonisation Technologies" from June 5th to June 9th, 2023, organised through the ICT mode of conduct. The Nodal Centre Electrical Engineering Department of Anjuman College of Engineering and Technology, Nagpur, Maharashtra, coordinated with NITTTR-Chandigarh. At Remote Nodal Centre, the short-term course was inaugurated by Dr. Syed Mohammad Ali, Principal, Anjuman College of Engineering & Technology, Sadar, Nagpur; Dr.Ruhi Uzma Sheikh, Head of the Electrical Engineering Department and Nodal Centre Coordinator; Prof. Akil Ahemad Institute Coordinator; Prof. Pramod Gadge; and Dr. Archana Shirbhate, IQAC Coordinator of ACET, Nagpur, were also present. The STC was addressed by eminent speakers from NITTTR-Chandigarh, Pandit Deendayal Energy University, Gandhinagar, New Delhi, MNIT, Jaipur, IIT, Ropar, and other reputed organizations. NITTTR Course Coordinator Prof. Poonam Syal, Assistant Professor, Electrical Engineering Department, NITTTR Chandigarh, and Dr. Ruhi Uzma Sheikh and Prof. Akil Ahemad Institute coordinator were coordinated the overall short term course.

Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Head of Department Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering Adjuman Gollege of Engineering & Technology Sadar, Nagpun

PRINCIPA Dr. SYED MOHAMMAD ALI

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



EVENT FLYER

A ONE WEEK SHORT TERM COURSE Sponsored by National Institute of Technical Teachers Training and Research (NITTTR, Chandigarh)



Organizes Short Term Course on ENERGY EFFICIENT AND DECARBONISATION TECHNOLOGIES

5th to 9th June, 2023

NODAL CENTRE DEPARTMENT OF ELECTRICAL ENGINEERING

ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY A NAAC ACCREDITED INSTITUTE (MANAGED BY ANJUMAN HAMI-E-ISLAM)

Dr. S.M. ALI Principal ACET Dr. RUHI UZMA SHEIKH HOD (Electrical Engg.) ACET Nodal Centre Coordinator

Mr. AKIL AHEMAD Institute Coordinator Dr. POONAM SYAL Course Coordinator

Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Dr. Ruthidlet Mep Shakh Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sadar, Nagpur.

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

EVENT BROCHURE



ACCEPTANCE LETTER FROM NITTTR CHNADIGARH



Dr. Ruhi Uzma Sheikh <rusheikh@anjumanengg.edu.in>

Registration of participants from your Nodal Remote Centre for ICT based STC on Energy Efficient and Decarbonisation Technologies from 5 to 9 June, 2023 (ICT-36)

Poonam Syal <poonamsyal@nitttrchd.ac.in> To: rusheikh@anjumanengg.edu.in, JOTESH GUPTA <erjoteshgupta@gmail.com>, chauhan954@gmail.com, Pooja Jain Thu, May 25, 2023 at 12:53 PM

Dear All

This is with reference to your email regarding being Nodal Centre for online STC on "Energy Efficient and Decarbonisation Technologies" from 5 to 9 June, 2023 (ICT-36), organised by Electrical Engineering Department, NITTTR Chandigarh. It is hereby confirmed for the same.

As your institute is Nodal Centre for above mentioned short term course,

Please register the Participants of your Nodal Centre at our Institute Portal at your end. Please register a minimum about 25 or more Participants from your institute.

For registration through our Institute Website of Faculty members and Technical Staff, steps to be followed are -1. Each Participant has to create his/her Profile

2. Select this STC - 5 - 9 June, 2023 (ICT-36)

3. Select the Nodal Centre (Your Institute Name through Drop Down Menu)

Please get all the Participants registered at the earliest to facilitate their attendance and certification for this STC. The course registration fee is Rs. 118/-

Regards

Prof. Akil Ahemad

Event Coordinator

Our institute portal is open for registration of Participants for online STC (ICT-10) Please do the needful asap for registering more participants from your Nodal Centre. And email regarding Technical Coordinator details also (Name, email ID, Mobile No.) All Local Coordinators and Technical Coordinators to register online for this STC asap.

Prof. Poonam Syal Course Coordinator Thems

Dr. Ruhi Uzma Sheikh Head of Department Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sader, Nagpur,

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

REGISTERED PARTICIPANTS THROUGH NITTTR PORTAL

National Institute of Technical Teachers Training & Research, Chandigarh (Ministry of Education, Government of India) বাটাৰ নজনীকী জিলক মহিলাপ গৰ প্ৰব্যাধান নাৰ্যমান, বাহীনত

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Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Head of Department Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sedar, Nagpuk

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25	1CT- 3623122446	PRANOD GADGE	ANTEMAN COLLEGE OF ENGINEERING AND TECHNOLOGY	NAGPUR	MAHARASHTRA	Aujuman College of Engine ering and Technology, Sathar, Nagana, Mahar ashtro	YES	ASSOCIATE PROFESSOR	faculty	118	paid	gady pm@anjumanengg.edu.in	98.22366101	Ede

Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Head of Department Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sadar, Nagpur.

PRINCIPALHAMMAD ALI

DI. SYED MOHAMMAD Har Principal Anjuman College of Engineering & Technology, Sadar, Nagpur.

36	ICT 3623122531	PROF ASIA QUAMAR ANSARI	ANTEMAN COLLEGE OF ENGINEERING AND TECHNOLOGY	SADAR	MAHARASHTRA	Aujuman College of English ering and Technology, Soclar, Nuggens, Mahar solut a	YES	ASSISTANT	Saculty	115	paid	sänjesmarägnal.com	514963-29	Edg
27	ICT- 3623122376	SAGAR D BHABARE	KDK COLLEGE OF ENGINEERING	NANDANVAS NAGPUR	Maharasiitra	Anj muan College of Engineering and Technologe, Sadar, Naggur, Maharashtra	YES	ASSISTANT PROFESSOR	laculity	119	binq	ragat, blastore g felix e edu. m	9706917726	Edr
2	ICT. 3623122489	SANDEEP K MIDE	KDK COLLEGE OF LNGINEERING	NANDANTAN NAGPUR	Maharashtra	Anjuman College of Engineering and Technology, Satlar, Nogput, Mahar oshtro	175	ASSISTANT PROFESSOR	laertity	T2S	paid	sandeepande125.8 Ganall.com	9764092773	Edi
29	ICT 3623122094	SPIADNAM RUKIISAR SHEICH	ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY	SADAR	Maharashtra	Aujuman College of Lugice or ing and Technology. Sadar, Nugput, Mahar solutro	YES	ASSISTANT	student	118	paid	shabaamrakhser63@ganifi.com	8698728,342	Edi
30	ICT 3025122310	SHANBAZ KHAN	ANJUMAN COLLEGE OF ENGINEE KING AND TECHNOLOGY	NAGPUR	Maharashtra	Aujuman College of Engineering and Iscinology, Sadar, Nagant, Mahareshtra	YES	PROFESSOR	faculty	118	paid	dr khanshebboz/g gansiLevan	9423403411	Eda
31	ICT- 3623121983	SHAILD AFAFAT ANSARJ	ANJUMAN COLLEGE OF ENGG AND TECH NAGPUR	NAGPUR	MAHARASITTRA	Anj tuman College of Engineering and Technology, Satlar, Nagpas, Mahar sohtro	YES	ASSISTANT PROFESSOR	faculty	115	paid	sarafatij anjumanenggedu.in	9021315:004	Edu
32	ICT. 3623121971	SHEIKH MOND Nawaz	ANJUMAN COLLEGE OF ENGG AND TECH NAGPUR	NAGPUR	Maharashtra	Anjuman College of Enginewing and Ischnology. Sadar, Nagpur, Mahay ashtro	YES	ASSISTANT PROFESSOR	faculity	115	paid	usheikh⊛anjuwanengg.edu.iu	\$9.55999059	Edu

33	ICT- 3023121981	SYED SOHAILUDDEN	ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY SADAR NAGPUR	NAGPUR	Maharashtra	Anjuman College of Engineering and Technology, Sailar, Nagput, Maharashtra	YES	ASSISTANT PROFESSOR	faculty	118	paid	sokaibyvill)1.3 anjum	anengg.ed	u.in	942365913	S Ede
34	ICT- 3623122658	VEDANTI B HARDAS	KDK COLLEGE OF ENGINEERING	NANDANVAN SQUARE NAGPUR	Maharasetra	Anjuman College of Engineering and Technology, Sadar, Nagput, Maharashtra	YES	ASSISTANI PROFESSOR	faculty	115	paid	vedanti har das & ki	lkce.edu.ir		965772024	S Eda
Li	List of UNPAID / NOT ELIGIBLE Participants applied for the Short Term Courses on Energy Efficient and Decarbonisation Technologies from 05/06/2023 to 09/06/2023 at Anjuman College of Engineering and Technology, Sadar, Nagpur, Maharashtra															
51. No	Applicati	ID Name(in Lug)	Institute(in Lug)	astitute Place(in Lng)	Institute State(in Logi	Verme A1	ALC TE Aproved	Designation	Occupation	Registra	tion & C Inclusive	ertification Fee (Rs.)* e of 18% GST	Paid status	Email	Mobile	Edu
I	List of Participants registered in Short Term Courses on Energy Efficient and Decarbonisation Technologies from 05/06/2023 to 09/06/2023 at Other Center															
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Prof. Akil Ahemad **Event Coordinator**

Dr. Ruhi Uzma Sheikh **Head of Department**

Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sadar, Nagpun

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

National Institute of Technical Teachers Training and Research, Chandigarh Electrical Engineering Department STC on "Energy Efficient and Decarbonisation Technologies" 5/6/2023 to 9/6/2023 (O.Plan No. ICT-36) <u>TIME-TABLE</u>

DAY/DATE	Session - 1 10 AM to 11.30 AM	Session - 2 11.30 AM to 1 PM	Session - 3 2.30 PM to 4 PM
Monday 5/6/2023	Introduction to the Course Sustainable Development and Energy - An Overview (Prof. Poonam Syal)	Renewable Energy Sources (Prof. Poonam Syal) poonamsyal@nitttrchd.ac.in	Biofuels and its Production Process (Prof. SS Kacchwaha, Pandit Deendayal Energy University, Gandhinagar) sskachhwaha@rediffmail.com
Tuesday 6/6/2023	Hydrogen Energy – Present Scenario and Future Scope (Dr. Kapil Pareek, MNIT, Jaipur) kapil.cee@mnit.ac.in	Appropriate Construction Materials and Practices for Sustainability (Dr. HK Vinayak, NITTTR, Chd) hemant.vinayak@nitttrchd.ac. in	Air Pollution and its Mitigation Technologies (Prof. SC Jain, Former Dean & Chairman, Deptt. of Chemical Engg. & Tech. PU, Chandigarh) scipu@yahoo.com
Wednesday 7/6/2023	ECBC and Green Building (Prof. Chitrarekha Kabre, School of Planning & Architecture, New Delhi) <u>chitrarekha.kabre@spa_ac.in</u> crekha969@gmail.com	Smart Grid in Indian Context (Dr. Parul Mathuria, Centre for Energy & Environment, MNIT, Jaipur) parul.cee@mnit.ac.in	BEE, PAT Scheme and ESCerts (Er. Money Khama, Project Engineer, PEDA, Chandigarh) khannamoney@gmail.com
Thursday 8/6/2023	Wind Power Generation (Dr. AV Ravi Teja, IIT, Ropar) avraviteja@iitrpr.ac.in	Clean and Low Cost Buildings (Dr. Amit Goyal, NITTTR, Chandigarh) amitgoyal@nitttrchd.ac.in	Internet of Things and its Applications in Energy Management (Dr. Garima Saini, NITTTR, Chd) garima@nittrchd ac in
Friday 9/6/2023	Electric Vehicle (Dr. Shimi SL, PEC, Chandigarh) <u>shimi.reji@nitttrchd.ac</u> <u>.in</u> shimisl@pec.edu.in	Energy Management and Energy Audit (Prof. Poonam Syal)	Course feedback and Valediction (Prof. Poonam Syal)

Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Head of Department

Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sadar, Nagpur.

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

Pro Ev

Attendance Record - Nodal Remote Centre

ICT based STC on "Energy Efficient and Decarbonisation Technologies" 5 to 9 June 2023 by NITTIR Chandigarh (OPlan No.- 101-36) Name and Address of the Institute / Engineering College / Polytechnic

Anjuman College of NEgineering & Technology. Mangalwari Bazar Road, Sachar Singgert

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	Ur. R	and of the	Dept.		Dr. SYED MOHAMMAD ALI
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Sadar, Nagpur.

DR. ARCHANA SHIRBHATE 9 ASSOCIATE PROFESSOR ELECTRICAL ENGG DR. KIRTI K BSEN D **KHANDELWAL** 10. A ASSISTANT PROFESSOR MECHANICAL ENGG DR. RUHI UZMA SHEIKH ASSISTANT PROFESSOR 11. ELECTRICAL ENGG DR.GIRDHARILAL H online AGRAWAL 12 PROFESSOR or ELECTRICAL ENGG HAKIMUDDIN AKHTAR HUSSAIN 13. ASSISTANT PROFESSOR MECHANICAL ENGG ISHRAQUE AHMAD ASSISTANT PROFESSOR 14. ELECTRICAL ENGG KHWAJA TAJUL ASHRAF INSTRUCTOR 15. ELECTRICAL ENGG **KIRTI M DHENGE** online online 0 online ASSISTANT PROFESSOR line 16. ELECTRICAL ENGG on MOHAMMAD FAHIM SIDDIQUE 17. INSTRUCTOR ELECTRICAL ENGG MOHAMMAD NEMATULLAH NASIM 18. ASSISTANT PROFESSOR MECHANICAL ENGG Dr. Ruhi Uzma Sheikh Head of the Dapt here Anjurnan College of Engineering & Tachaology Sadar, Nagpur. · 17.3. Prof. **Akil Ahemad** Dr. Ruhi Uzma Sheikh Dr. S **Event Coordinator Head of Department** PRINC HAMMAD ALI Dr. Ruhi Uzma Sheikh Principal Head of the Dept. Anjuman College of Engineering & Technology, Sadar, Nagput. Electrical(Electronics & Power)Engineering Anjuman College of Englacering & Technology

Sadar, Nagpur.

MOHAMMAD SAFIQUE ASSISTANT PROFESSOR 19. ELECTRICAL ENGG MOHAMMAD SHAFIQUDDIN LECTURER (POLY) 20. ELECTRICAL ENGG MOHAMMAD SHAHID ARSHAD Online Online ASSISTANT PROFESSOR 21. ELECTRICAL ENGG MRS. NAJMA NASREEN SIDDIOUI 22. ASSISTANT PROFESSOR ELECTRICAL ENGG NAHID KHAN ASSISTANT PROFESSOR 23. ELECTRICAL ENGG PRAMOD GADGE ASSOCIATE PROFESSOR 24. ELECTRICAL ENGG PROF. ASIA QUAMAR ANSARI AS HS. 2 ASSISTANT PROFESSOR 25 pro-DEPT of S & H SAGAR D BHAISARE online online online onlise online ASSISTANT PROFESSOR 26. ELECTRICAL ENGG online online SANDEEP K MUDE online online online ASSISTANT PROFESSOR 27 ELECTRICAL ENGG SHABNAM RUKHSAR SHEIKH ASSISTANT PROFESSOR 28 ELECTRICAL ENGG Dr. Ruhi Uzma Sheikh Hald of the Dept. Etheal Ectronics & Power Engineering Jumit Golege of Engineering Technology T Sadar, Nagpur. Dr. SYED MORAMMAD ALI Anjuman College of Engineering & Tochnology, Sadar, Naggur, ACET 016 Prof. Akil Ahemad Dr. Ruhi Uzma Sheikh Dr. S. Head of Department Dr. Ruhi Uzma Sheikh **Event** Coordinator PRINCIPAL DIA SYED MOHAMMAD ALI Principal Head of the Dept. Anjuman College of Engineering Electrical(Electronics & Power)Engineering & Technology, Sadar, Nagpur. Anjuman College of Engineering & Technology Sadar, Nagpur.

Dr. SHAHBAZ KHAN PROFESSOR 29. DEPT of S& H SHAHID ARAFAT ANSARI ASSISTANT PROFESSOR 30. ELECTRICAL ENGG SHEIKH MOHD NAWAZ ASSISTANT PROFESSOR 02 NOU 31. ELECTRICAL ENGG SYED SOHAILUDDIN ASSISTANT PROFESSOR 32 CIVIL ENGG DR. NITU GUPTA ASSISTANT PROFESSOR 33. DEPT of S & H online online VEDANTI B HARDAS online ASSISTANT PROFESSOR 34. ELECTRICAL ENGG Dr. Ruhi Uzma Sheikh e Head of the Dept. ANIMAD ALL Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Aniuman Celieva al Engineering Dr. SYED insimen vennga er engineering K Yachnologi, Sadat, Nagaur Sadar, Nagpur. OF ENGINEERING ACET 016 SADAR, HAGPUR *

Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Dr. Ruhi Uzma Sheikh Head of Department Head of the Dept. Electricai(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sadar, Nagpur.

ID 1 CMCAIAMMAD ALI PRIA

Dr. SYED MCHAMMAD File Principal Anjuman College of Engineering & Technology, Sadar, Nagpur.



Certificate No: ICT-4369/23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

SAGAR D BHAISARE

KDK COLLEGE OF ENGINEERING, NANDANVAN NAGPUR MAHARASHTRA

Participated in the AICTE Recognized Faculty Development Programme

on

Energy Efficient and Decarbonisation Technologies

Conducted by

Electrical Engineering Department

from

05/06/2023 to 09/06/2023 (One Week)

at

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

Byal Coordinator

Director

Prof. Akil Ahemad Event Coordinator

Dr. Ruhi Uzma Sheikh Head of Department Dr. Ruhi Uzma Sheikh Head of the Dept. Electrical(Electronics & Power)Engineering

SYED MOHAMMAD ALI Principal

Anjuman College of Engineering & Technology, Sadar, Nagpur. Scanned with CamScanner



Prof. Akil Ahemad Event Coordinator

Coordinator

Director

Dr. Ruhi Uzma Sheikh Head of Department Dr. Ruhi Uzma Sheikht Head of the Dept. Electrical(Electronics & Power)Engineering Anjuman College of Engineering & Technology Sadar, Nagpur.

PRINCIPAL Dr. SYED MOHAMMAD ALL Anjuman College of Engineering & Technology, Sadar, Nagpur. Principal

Point No.3



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY (INTERNAL QUALITY ASSURANCE CELL)



ACADEMIC YEAR 2022-23

Name of Event: Workshop on NAAC Criteria	Date of Event: 19/12/2022
Name of Organizers: IQAC, A.C.E.T	Duration of Event:1 day
Name of Coordinator: Dr. Archana Shirbhate	Place of Event: (Offline Mode) Seminar Hall A.C.E.T Main Building

REPORT

A workshop on NAAC Criteria under the banner of IQAC was organized at Anjuman College of Engineering & Technology on 19thth of December 2022. Hon'ble Dr. S.N. Pathan, Former Vice Chancellor RTMNU was the Chief Guest and the speaker. He delivered his expert session on NAAC criteria's and focused on role of institute in inculcating best practices and how to adopt them. He was also accompanied by another guest Dr. Abdul Shakeel Sattar, Principal HBT Arts and Commerce College Nagpur. After successful completion of workshop, Dr. S.N. Pathan has presented the Book Entitle ", Around 60 participants from host institute and other institutes of Hami-E- Islam attended the workshop. The workshop was organized by Dr. Archana Shirbhate, Coordinator IQAC. Program was compared by Prof. Firoz Siddiqui under the guidance of Dr. S.M. Ali, Principal and Administrator, Management Anjuman Hami-E-Islam Justice Z.A. Haq.



Glimpses of Workshop



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY (INTERNAL QUALITY ASSURANCE CELL)



Glimpses of Workshop











ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY-(INTERNAL QUALITY ASSURANCE CELL)



Book gifted by Hon'ble Dr. S.N. Pathan, Former Vice Chancellor RTMNU

Quality Improvement Programme In Higher Education Through A Success Story of Maharashtra Maharashtra Dr. S. N. Pathan **Director** Education (Higher Education) Maharashtra State Foreword By Smt. Chandra Iyengar Prof. Dr. Arun Nigavekar Principal Secretary Chairman Dept. Of Higher & Technical Education University Grant Commission Govt. Of Maharashtra New Delhi



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY (INTERNAL QUALITY ASSURANCE CELL)



Attendance Sheets

Sr. No.	Name of Faculty	Date - 19 December, 2022
3	Dr. S. M. Ali	Signature
2	Dr. A. S. Khan	1012 mat
3	Dr. Archana Shirbhate	1
-1	Prof. Mohd. Rafiullah	A what
S	Prof. Kamlesh Kelwade	(1) Jula
6	Dr. Nawaz Khan	war unlas
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8	Dr. Nafees Parvez Khan	ist intratice
9	Prof. Ruhina Quazi	
10	Prof. Ritesh Shrivastav	2 Sugarouns
11	Prof. Firoz Ahmed Siddiqui	D-hir-
12	Prof. Shafeeg Memon	Jeen
13	Prof. Anwar Ahsan	
14	Prof. Naveed Afroz	MA-
15	Prof. B. H. Ali	
16	Prof. Shama Tabassum	(A)
17	Prof. Gazala Ali	Tores
18	Prof. Rohi Kachru	low
19	Prof. Madhulika Dhurat	as
20	Prof. Haris Qureshi	- Aler-
21	Prof. Jahangir Ansari	Hungs
22	Prof. Mohsina Anjum	1 Miles
23	Prof. Nazish Khan	labour
24	Prof. Syed Rehan	
25	Prof. Anwarul Siddiqui	
26	Prof Saima Ansari	



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY-

(INTERNAL QUALITY ASSURANCE CELL)



Attendance Sheets

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31	Dr. Shakebaddin	- Angla files
22	Prof. Wadaskar	1 Jack Market
33	Prof. H. A. Hussain	Carrow Contraction
34	Dr. Taspeem Khan	
35	Dr. Tanvir Quazi	her is all
36	Dr. Sajid Kazi	E. The
37	Dr. Anjumara Khan	
38	Dr. Deepti Jain Thakre	Alan
39	Dr. Hutting Synd Sal Ma Suidiou	Jan 22
40	Dr. Sameen Parveen Khan	(and the second
41	Dr. Shama Parveen Khan	Schen
42	Dr. Rashi Bade	Jeager
43	Prof. Shahid Arshad	a berray and
44	Dr. Ruhi Uzma Sheikh	later apper
45	Prof. Ages Siddigui	0
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Dr.Archana Shribhate Coordinator, IQAC

jl Dr. S. M .Ali

(Principal, ACET)

Point No.4



(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/OICA)/23

Date: 28.07.2023

RESULT OF ANNUAL ACADEMIC AUDIT

Sr. No.	Name of Department	Total Marks Allotted	Marks Obtained	Percentage	
1	Electrical Engineering	550	444	80.72	
2	Computer Science Engineering	550	469	85.27	
3	Mechanical Engineering	550	484	88.00	
4	Civil Engineering	550	436	79.72	
5	Electronics & Telecommunication Engineering	550	449	81.63	
6	Science & Humanities	460	340	73.91	

Session (2022-23)

DR. ARCHANA SHIRBHATE Coordinator, IQAC ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

DR. SYED MOHAMMAD ALI PRINCIPAL ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

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

Anjuman College of Engineering & Technology, Sadar, Nagpur,

Dr. Annana Shinghali

S&H	ETC		MECH	CSE	EXPO	c	5	100	200	300	400	500
33	40	45	45	45	40	Human Resource (50)						
185	230	225	245	245	235	Teaching-learning evaluation process (250)						
47	49	41	64	51	54	Research output (100)						
25	40	40	40	33	40	Community outreach (50)						
50	50	50	50	50	50	Student Support (50)						
0	40	35	40	45	25	Training & Placement activity (50)						
340	449	436	484	469	444	Total Marks						

AAA Audit 2022-23

600

Point No.5



INTEGRATED GREEN ENVIRONMENT

& ENERGY AUDIT REPORT



ANJUMAN COLLEGE OF ENGINEERING

AND TECHNOLOGY

Mangalwari Bazar Rd, Sadar, Nagpur-440001 (MS)



Conducted By-SHREYAS QUALITY MANAGEMENT SYSTEM

(ISO 9001:2015 QMS, ISO 14001:2015EMS, ISO 50001:2018 & ISO 45001:2018 OHSAS Certified Organization; QCI Life Member (LM/WR/5201) & Registered Lab Management System and Lean Manufacturing Sr. Consultant)

 Training Consultancy & Auditing for

 TQM - Quality Award, Quality Cost, SPC, 5S, Lean Six Sigma, Six Sigma

 ISO 9001; ISO 14001 EMS, ISO50001EnMS, OHSAS 18001, ISO29990, ISO 27000

 ISO 17025 & 15189 (Medical Lab) Accreditation, IATF 16949, NABH & School Accreditation

 Address: 3rd Floor,Tulsi Vihar Apart,11,Abhyankar Nagar main Road,Abhyankar Nagar Nagpur 440 010.

 Phone : 0712-2240012, 09822469560
 E-mail : sqmslakhe@gmail.com; www.sqmsindia.com



DISCLAIMER

Audit Team has prepared this report for Anjuman College Of Engineering And Technology, Nagpur based on input data submitted by the representatives of College complemented with the best judgment capacity of the expert team. The audit was conducted on the sample basis by visiting the college and interacting with the various stakeholders. Audit was conducted by interviewing the concerned persons, observing on-site implementation and verifying the documents and records. While all reasonable care has been taken in its preparation, details contained in this report have been compiled in good faith based on information gathered.

It is further informed that the recommendations are arrived following best judgments and no representation, warranty or undertaking, express or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit report is for the improvement and not intended for full filling any statutory and regulatory requirements. SQMS is not bound by any legal requirements for acceptance or rejection of the report and or recommendations.

Zan

Dr. R. R. Lakhe Director Shreyas Quality Management System, Nagpur.





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Overall Recommendation	
Rain Water Harvesting:	
Energy Use and Conservation:	
Waste Generation	
E-Waste Generation	
Green Area:	
Some Other Recommendations:	51
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Acknowledgements:

Integrated Green Environment and Energy Audit (GEEn) Assessment Team (Dr. R.R.Lakhe, Mr. Nasir Sayyad) thanks Anjuman College of Engineering and Technology, Nagpur for assigning this important work of Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to Principal, IQAC & Team members for giving us necessary inputs to carry out this very vital exercise of GEEn Audit.

We are also thankful to Department Heads and other staff members who were actively involved while collecting the data and conducting field measurements.

Dr. R. R. Lakhe Director Shreyas Quality Management System, Nagpur.


Executive Summary:

The rapid urbanization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background it becomes essential to adopt the system of the Green Campus for the institute which will lead for sustainable development.



Anjuman College of Engineering and Technology, Nagpur is deeply concerned and unconditionally believes that there is an urgent need to address these fundamental problems and reverse the trends. Being a premier institution of higher learning, the college has initiated 'The Green Campus' program two years back that actively promote the various projects for the environment protection and sustainability.

The purpose of the audit was to ensure that the

practices followed in the campus are in accordance with the Green Policy adopted by the institution. It works on the several facets of 'Green Campus' including Water Conservation, Tree Plantation, Waste Management, Paperless Work, Alternative Energy and Mapping of Biodiversity. With this in mind, the specific objectives of the audit are to evaluate the adequacy of the management control framework of environment sustainability as well as the degree to which the Departments are in compliance with the Green Policy. It can make a tremendous impact on student health and learning college operational costs and the environment. The criteria, methods and recommendations used in the audit were based on the identified risks.

Objectives of the Study:

The purpose of this audit was to ensure that Green Environment & Energy Policy and practices is established, followed and implemented in the campus, across all departments, administrative bodies and students.



Methodology:

In order to meet its objectives, this audit combined physical inspection with a review of relevant documentation and interviews with various stakeholders. Audit is carried out on sample basis and the performance data/information submitted by college for last 3 years.

Review of the Documentation

Green, Environment & Energy Policy, & ISO14001: 2015 requirements.

Interviews

Interviews were conducted with the Principal, and also faculties and students.

Physical Inspection

The audit team was in the college to inspect the campus.





Introduction of Green, Environment & Energy (GEEn) Audit:

Green Environment, & Energy (GEEn) Audit can be defined as systematic identification, quantification, recording, reporting and analysis of components of environmental diversity. The 'GEEn Audit' aims to analyze environmental practices within and outside the college campus, which will have an impact on the eco-friendly ambience. It was initiated with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment. Through GEEn Audit, one gets a direction as how to improve the condition of environment and there are various factors that have determined the growth of carrying out Audit.

About the College:

The Anjuman College of Engineering and Technology [A.C.E.T.] is managed by Anjuman Hami-E-Islam, Nagpur. It is a pioneer Educational Trust, serving the cause of education in the region. For well over 134 years. Irrespective of the considerations of the various caste and creed It has wide spread reputation in the field of education in Vidharbha and is currently running 20 educational Institutions. Anjuman Hami- E-Islam started an Engineering College from academic year 1999-2000 with three branches Mechanical, Electrical, Electronics and Telecommunication, two more branches viz. Computer Science & Engineering and Civil Engineering has been added. Also in order to meet Industry 4.0 challenges, Artificial intelligence and Data Science branch was



introduced. Slowly and steadily the College has carved a niche for itself and has established itself as a name to be reckoned with providing quality Technical Education at a very affordable cost. Address: Mangalwari bazar Road , Sadar, Nagpur440001 Website/Email/ Contact No.9823843180/9822714806 Contact Person: Dr. Archana Shirbhate

Basic information:

No. of Branches: UG (06)...PG (02) No. of Students: 1535 No. of Faculty Members: 104 No. of Non-Teaching Members: 81 No. of Buildings: 03 Total campus area: 20496.05 m2 Total Garden Area/ Open Area: 3302 Sq.Mt. College building Spread Area: 13258 m2 Total Number of Computer/Laptop/Printers. PC 701/ Laptop -3/ Printers - 37

Vision

To be a centre of excellence for developing quality technocrats with moral and social ethics, to face the global challenges for the sustainable development of society.

Mission

To create conducive academic culture for learning and identifying career goals.

To provide quality technical education, research opportunities and imbibe entrepreneurship skills contributing to the socio-economic growth of the Nation.

To inculcate values and skills, that will empower our students towards development through technology.

Core Values

Aiming access to education: Our aim is to provide quality education in different fields. Human Touch: Service of people through quality education for betterment of community and nation.



Integrity: Imbibing knowledge to students of all communities, contributing to the socio economic growth of the nation

Academic Excellence: Our aim is to be a centre of excellence in engineering and technology, developing highest level of technocrats.

Challenge- Care Change: We commit our service to people. Take it as a challenge to uplift the students of every community, caring for them and aim to bring the change. Encouragement: We encourage critical thinking, qualitative reasoning, effective communication, ethical decision making and social responsibility in our students.

Team spirit: We inculcate the team spirit of professionalism and moral values among our technocrats aiming their all-round development economically and socially.

Institutional Values and Best Practices:

The institute offers equality in the policies for all stakeholders. Equal opportunities is provided for all eligible individuals to participate in any of the academic / extracurricular, co-curricular activities including the recruitment process as well. Institute has a very strong NSS team. As per the motto of NSS, the college plans lots of community activities which brings in the mind set of mutual co-existence, cooperation, help the needy, and inculcates compassion towards under-privileged. Environmental Science subject is made compulsory to all courses in the university. Since its inception the institution always aimed to build Eco –friendly atmosphere in the campus. The institute is committed towards environment friendly atmosphere and green campus by managing various wastes like Solid Waste, Liquid Waste and E-Waste. The development plans are always driven by the concern for ecofriendly environment and sustainability of life giving resources like energy, water, greenery and pollution free environment. Institute takes various efforts to accommodate Differntly-abled students (Divyangjan) like provision of ramps, rails, lift, braille software etc.

Every year institute plans and organizes national festivals like Independence Day, Republic Day, International Yoga Day and many more. One of the best practices we follow is excellence in academics and teaching learning process. This practice has helped us to fetch University rank holders. Another best practice that we follow is overall development through interpersonal skill, co-curricular and extra- curricular development of student and faculties. This practice motivates students and prepares them for their future.



The college has also adopted the 'Green Campus' system for environmental conservation and sustainability. There are main three pillars i.e. zero environmental foot print, positive impact on occupant health and performance and 100% graduates demonstrating environmental literacy. The goal is to reduce CO2 emission, energy and water use, while creating an atmosphere where students can learn and be healthy. The college administration works on the several facets of 'Green Campus' including Water Conservation, Tree Plantation, Waste Management, Paperless Work, Alternative Energy and Mapping of Biodiversity is ensured.

Environment conservation:

- Programs such as tree plantation drive, poster presentation, Swach Bharat Abhiyaan, Plastic free drive etc. are being conducted on regular basis.
- Students are being made to visit power station and power plants on a regular basis to get a sense of power scenario and the methodologies being employed to improve the power generation and utilization strategies.
- Short term training programmes related to sustainable development and environmental awareness are regularly conducted for the staff members. Such as ISTE approved 2 week STTP on "Sustainable and Renewable Energy for Power Generation -Economics, Financing and Environmental concern" have been conducted by the institute.
- Institute regularly organizes a visit to Orange City Water (OCW) works, Nagpur. The curriculum includes a Subject "Environmental Studies" which is an effort to inculcate the importance of Environment amongst the students.
- Development of e-learning system

Overall Recommendation

The following observations are noticed during the visit of GEEn Audit:

- 1. Framing of Green, Environment, Energy policy and percolation of same through awareness to be built up.
- 2. Kitchen waste is the main concern. Waste management Training to be given, competitions to be arranged for waste reduction.
- 3. 'No to Single use plastic' to be promoted.
- 4. Water sprinkler system for watering the plant/lawn
- 5. Adoption of 3R (Reduce, Recycle, Reuse) for waste handling.

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- 6. Enhance the use of solar system at energy saving potential areas street lights, common utility area lighting system, solar water heating system etc.
- 7. The rain water harvesting is to be done on front left side of the campus.
- 8. Wash room basin to be cleaned regularly.
- Waste segregation, treatment prior to disposal, disposal method to be adopted as per MPCB guidelines.
- 10. Adoption of BEE approved energy saving equipments/appliances to be strengthen.
- 11. Earth pit resistance of the building to be measured with defined frequency to arrest the leakages/energy losses.
- 12. Air Quality Index to be monitored.
- 13. New danger board to be used near DG set and Energy meter
- 14. Presently College is utilizing fresh water for all its water requirements, the management is considering the possibilities of plant based waste water treatment (STP) as part and will be accomplished when the funds will be available.
- 15. Possibilities for the storage of rain water is also under consideration by the College which can be utilized as fire extinguisher, gardening purpose, primary treatment is required for the same needs to provide as a project to student. Rain water harvesting to be carried out by taking proper step and guidelines.
- 16. Training to the cleaners in economical use of water for cleaning purposes and a system in place for immediate response when issues of water leakage are observed so that water losses are prevented.
- 17. Cleaning schedule of water purifier, overhead tank to be made and followed.
- 18. All the vehicles used by staff must be PUC certified.
- 19. Motivation to use electric vehicles to be promoted.
- 20. Plantation of Indian origin trees, medicinal trees to be motivated.
- 21. For internal movement, use of bicycle, solar/e-car, walking to be promoted.
- 22. For renovation or new construction, green building concept, verticle gardening to be adopted.
- 23. Conduction of water audit, electric audit with defined frequency will help to arrest leakages.
- 24. Automatic water level controller to be installed to avoid overflow.



- 25. Sensor based electric appliances controller system to avoid electrical wastage.
- 26. Bio-waste composting system to be adopted.
- 27. Researches and projects on biodiversity, environment/energy friendly applications to be promoted amongst the staff and students.

WATER CONSERVATION:



This auditing indicator addresses water consumption, water sources, irrigation, appliances and fixtures. In survey water used at bathrooms, toilets, laboratory, garden, shower and as well as leakages and over flow of water from overhead tanks is also been evaluated. The data collected from all the sections is examined and verified. The water supply in the Campus is provided by

Bore wells. This water is being used for all water requirements at the campus, such as for drinking, cleaning, in the labs, gardening and flushing the toilets. The data collected from all the departments is to be examined and monitored. No water meter is observed in any of the bore well to check the total quantity of water used by the college in one academic years.

Observations:

Sources of water:

- Municipal corporation Water $\sqrt{}$
- Well water√

Presently College is utilizing fresh water for all its water requirements, the management is considering the possibilities of plant based waste water treatment (STP) as part and will be accomplished when the funds will be available. Probably by 2021-22 a feasibility study and implementation of STP will be possible.

Taps available in colleges, toilets and hostel and in canteen with no leakage.

Approximate water consumption of the college is as per the following:

Total water consumption for last 3 years



Sr. No.	19-20	20-21	21-22	22-23
Water	5634340	7714177	6995860	8114120
Consumption				

College has a provision to use the rain water for gardening purposed directly.

Taps available in colleges, toilets and hostel and in canteen with no leakage.

Water conservation facilities available in the Institution:

- 1. Rain water harvesting pipes
- 2. Open well
- 3. Concealed tanks
- 4. Maintenance of water bodies and distribution system in the campus



1) RAIN WATER HARVASTING PIPES (Pipes from roof top)[Ground floor Vehicle Parking Area]





2) RAIN WATER HARVASTING PIPES WITH FILTER ATTACHED(Pipes from Roof Top of First year building)



ROOF TOP RAIN WATER GET FILTERS BEFORE ITS TRANSIENT INTO OPEN WELL (From Roof Top of First year building)



3) CONSEALED OPEN WELL (Besides first year building)



4) CONSEALED WATER TANK (Besides main building)



5) PUMP HOUSE FOR WATER DISTRIBUTION(Besides first year building)

Recommendations:

The team of Auditors commends the College administration for the good practices in conserving water such as regular plumbing services, regulating the water flow from top and some of the flushes are switched to water efficient flushes. There is willingness to explore the option of Waste Water Treatment thus the (plant based) recycled water can be utilized for the toilet flushing and gardening if it is implemented successfully and the option for collecting the rainwater possibly in syntax tanks as a precaution for the disaster preparedness. As it is not possible to estimate the exact quantity of water used by different departments, however the highest consumption of water is most likely happening in toilets, hostels, canteen, and in chemical lab in view of the escalation of water scarcity in the region team recommend basic steps be carried out to optimize the water utilization at the college level, which will also contribute to reducing the related expense:

I. Putting up notices in all washrooms and near all water coolers about the need for saving water, and simple tips like ensuring all the taps are properly closed, leakages are immediately brought to the notice of the management, respective floor cleaning staff



could be given the responsibility to keep a check on every floor if any taps are open or leaking.

- II. Training to the cleaners in economical use of water for cleaning purposes and a system in place for immediate response when issues of water leakage are observed so that water losses are prevented.
- III. It was observed that the drinking water coolers are generally placed near washrooms; if possible drinking water coolers could be shifted to other places for aesthetic and hygiene point of view. d. Regular monitoring of tank (which will be provided for firefighting) to avoid any last moment inconvenience during any fire hazards.
- IV. Need of monitoring, controlling overflow is essential and periodically supervision drills should be arranged. In campus small scale/medium scale/ large scale reuse and recycle of water system is necessary.
- V. Minimize wastage of water and use of electricity during water filtration process, if used, such as RO filtration (Drinking Water) process and ensure that the equipment's used for such usage are regularly serviced and the wastage of water is not below the industry average for such equipment's used in similar capacity.
- VI. Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment, i.e. are biodegradable and non-toxic, even where this exceeds the Control of Substances Hazardous to Health (COSHH) regulations.
- VII. Electrical fittings and plumbing kept in proper condition to prevent electricity leakage and water dripping. All water taps to be checked for its leakage particularly in toilet (Hostels).
- VIII. Identification of areas to be carried out such as compost making area, water harvesting tank, bore well used for water harvesting purpose, bore well used for consumable purpose, parking area of staff, students, hazard area etc.
 - IX. Water meter to be installed in both the bore well available in the college and daily monitoring and record of water used to be kept as per the following;
 - X. Cleaning schedule of water purifier to be made and followed.
 - XI. Water consumption of the college to be monitored and graphs/table to be prepared.
- XII. Cleaning of overheads tanks to be done on regular basis.
- XIII. Flow control valve to be installed at two overhead water tanks.



- XIV. Rain water harvesting to be carried out by taking proper step and guidelines.
- XV. Install low-flow fixtures in the toilets or in hostels.
- XVI. Aerate your lawn/ Empty land to maximize the water soaking.
- XVII. Use waste water for watering plants.
- XVIII. Educate stakeholders about importance of water

Rain Water Harvesting:

Possibilities for the storage of rain water is also under consideration by the College which can be utilized as fire extinguisher, gardening purpose, primary treatment is required for the same needs to provide as a project to civil department student till then there is No rain water harvesting units in the premises for storing and reuse of water.

College has a provision to use the rain water for gardening purposed directly.





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Rain Water Harvesting Structures details with Photographs



Rain Water Harvesting Structures details with Photographs



SQM

Rain Water Harvesting Structures details with Photographs











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We Were Born to help the World,Not to Destroy it,Then Why we are Destroying the Environment?

Energy Use and Conservation:

This indicator addresses energy consumption, energy sources, energy monitoring, lighting, appliance, natural gas and vehicles. Energy use is clearly an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment. The college primarily uses energy in the form of electricity provided by Distribution Centre. A proper analysis of energy consumption, we need to understand the electricity consumption over at least one academic year, and ideally three previous years. Major use of the energy is at office and laboratories for lighting, practical and laboratory work. This indicator addresses energy consumption, energy sources, energy monitoring, lighting, appliance, natural gas and vehicles. Energy use is clearly an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment

Observations:

Equipments like Computers are used with power saving mode. Also, campus administration runs switch –off drill on regular basis.

Kitchen is equipped with heavy ovens and refrigerator also has one heavy duty washing machine for laundry purpose. Solar system is installed for heating the water used in the hostels.

In all sections of campus lecture rooms, office rooms, laboratories etc are spacious voluminous and airy, having proper natural light and ventilation. Hence actual requirement energy consumption in lightening is minimal. The air conditioners in the management chamber or in Principal Chamber are rarely used and avoiding unnecessary use of the same is a part of the green



practice in the College. It is required to monitor and measure the electricity consumption and monthly basis and graph/ table to be prepared.

Besides this, solar system is also installed in the campus for very limited capacity as an alternate renewable source of energy, It is suggested to enhance the capacity with plan and regular interval so that college become energy producer rather than user only. Equipments like Computers are used with power saving mode. Also, campus administration runs switch –off drill on regular basis.

It is required to monitor and measure the electricity consumption and monthly basis and graph/ table to be prepared.

- Total Energy consumption for last 3 years

Sr. No.	19-20	20-21	21-22	22-23
Electrical Consumption (Solar + MSEB)	-	-	1,33,343	1,48,551

Electrical Bills for last 12 months

Month	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2023	2023	2023
Electrical Bill (Units)	1316	1856	2138	3589	3295	1008	1669	1110	1186	1423	1212	1113	1537
Amount (Rs)	54,959	61,384	67,119	86,140	79,693	90,944	60,161	52,493	53,641	57,358	54,023	52,785	58,95

Energy meter installed at basement. No facility of energy consumption at building/department wise.

- Electrical energy consumption per day for institute.407 Units/Day

% of LED lamps of total lightning of the campus. 15%.



S

LED Tube light



- Does institute have policy to procure BEE approved, 5 star Rating energy devices/instruments/utilities: No
- Details of En. Consuming devices/utilities used in institute

Sr.No	Utility	Quantity/Nos.
1.	Split AC	10
2.	Window AC	04
3.	LED Light	121
4.	Tube light (other than LED)	685
5.	Cooler	40
6.	Fan	422
7.	Laptop	06
8.	Desktop LED	523



9.	Desktop Tube type	161
10.	Water cooler	05
11.	Street light (write type)	06
12.	Printer	37
13.	Projector	39

- Does institute of centralize Air conditioning system. If yes, capacity? NO

- Has annual maintenance contract been given or is preventive maintenance plan is available for ACs. NO.

- List of major consuming equipments/ devices lab instrument in institute? YES
- Are safety precautions like earthings, checking of earth resistance, 3 pin plug with

details. YES

- Capacity: 100KVA.

Manufactured by S. No. 1073/6, Village Pirangut, Tal. Mulshi, Dist. Pune Phone: 25433046 / 25444559 GENSET MODEL RATING MFG. DATE / SR. NO. NOISE LEVEL T.A. CERTIFICATE NO.		
Manufactured by S. No. 1073/6, Village Pirangut, Tal. Mulshi, Dist. Pune Phone: 25433046 / 25444559 GENSET MODEL RATING 100 KVA MFG, DATE / SR. NO. NOISE LEVEL 75 db (A) AT 1 MTR T. A. CERTIFICATE NO.	and the second	
		Manufactured by S. No. 1073/6, Village Pirangut, Tal. Mulshi, Dist. Pune Phone : 25433046 / 25444559 GENSET MODEL S. P 100 RATING MFG. DATE / SR. NO. NOISE LEVEL 75 db (A) AT 1 MTR T. A. CERTIFICATE NO.

- -
- Total running Hr/Year: Very Less use.
- Total energy use by generator: -



- PUC testing: - To be done.

- Electrical testing: -To be done.

Solar Installations:

- No. of solar panels installed? 289.
- Capacity? 395 Total Capacity = 100KW
- Amount of energy generated through solar? Approx 380 units
- Amount of solar energy utilization against total energy requirements/year.

380/407=93.36%

- Energy done by Institute to reduce electrical energy consumption:-
- Plan for expanding total energy use:-





Solar Panel of 100 KVA







Solar Lighting

Following simple ways to reduce electricity consumption one must follow:

- 1. Don't Leave Electronic Appliances On Standby Mode: It is a common tendency among the people to switch off their electrical appliances using the remote, leaving them on standby mode. They fail to realize that the device is still consuming 85% of electricity energy and wasting the valuable energy reserve. Instead, by switching off the main power button or by unplugging the socket, they can make a commendable contribution in saving electricity energy.
- 2. Lighting: The traditional bulbs and tube lights consume a large amount of electricity energy, making a contribution of almost 10 to 15 percent in the electricity bill. In lieu of these outdated bulbs, one must prefer purchasing an energy saving bulb and the fluorescent tubes that glows brightly without consuming more energy.
- 3. Bring Solar Garden Lights: To lighten your garden and add grace to its look, one can easily bring the highly efficient solar garden lights as they do not entail you to dig trenches or set up wiring connections. Users can easily arrange these fitting anywhere



they desire and highlight the dark areas of their gardens. These lights get charged up during the day and illuminate the garden at night.

- 4. Check out The Energy Star Label: While purchasing electronic appliances like air conditioner, refrigerator, microwave and other household appliances, one must make sure that the appliance has an energy star label on it that can help to cut almost 30 percent of the electricity bills.
- 5. If possible replacement of conventional electric appliance with BEE approve energy saving equipments/appliances.

Recommendations:

- Energy source utilized by all the departments and common facility center is electricity only. It is required to monitor and measure the electricity consumption and monthly basis and graph/ table to be prepared.
- 2. List of equipment (Oven, Fridge, Electric Instruments/Machineries, air conditions, Water cooler- (centralized), heaters etc.) with capacity to be prepared.
- 3. All electrical loose wire to be dressed up properly.
- 4. Electrical Earthing of the college to be checked regularly.
- 5. Awareness for the use of electricity and paper to be developed in the college.
- 6. Instruction such as all electrical appliances (lights/fans/AC) shall be switched off when not in use or at the end of the day to be displayed.
- College takes steps to purchase/replace conventional electric appliance with BEE approve energy saving equipments/appliances ie. with low energy consumptions with maximum star ratings.
- 8. College has to replace resistance regulators with electronic regulators, CRT monitors with LED monitors and DOT matrix printers with Deskjet printer.
- 9. Use of Diesel generator (50KW) to be avoided (to reduce the consumption of oil).
- 10. Enhanced renewable energy source capacity.
- 11. The display of the instruction boards/to be displayed on each classrooms/ lab for switching of the fans and lights when not required.
- 12. Switching to star rating electric appliances in phase wise manner.



Waste Generation

My promise to he environment

This indicator addresses waste production and disposal of different wastes like paper, food, plastic, biodegradable, construction, glass, dust etc. and recycling. Furthermore, solid waste often includes wasted material resources that could otherwise be channeled into better service through recycling, repair, and reuse. Solid waste generation and management is a burning issue. Unscientific handling of solid waste can create threats to everyone. The survey focused on volume, type and current management practice of solid waste generated in the campus. The different solid wastes collected as mentioned above.

Observations:

For Plastic and waste generated in the college there is a provision to dispose the same with waste collection vehicle on daily basis under the swatch Bharat Abhyaan.

Also college encourage their staff and students for using the plastic bags of more than 50 micron or use clothes bags or paper bags makes with the waste paper through awareness training.





The total solid waste collected in the campus is approximately 2-3 Kg/day. Waste generation from tree droppings and lawn management is a major solid waste generated in the campus. The waste is segregated at source by providing separate dustbins for Bio-degradable and Plastic waste. Single sided used papers reused for writing and printing in all departments. Important and confidential reports/ papers are sent for pulping and recycling after completion of their preservation period. Very less plastic waste (0.1Kg/day) is generated by some departments, office, garden etc but it is neither categorized at point source nor sent for recycling. Metal waste and wooden waste is stored and given to authorized scrap agents for further processing. Few glass bottles are reused in the laboratories. The food waste from main kitchen & rooms/dining area/ Labs is used or sent for **vermicomposting**. The institute has adopted **vermiculture composting in four plastic drums used for the purpose.** The main purpose of this is to reduce disposable waste in the college campus.

Recommendations:

- I. Reduce the absolute amount of waste that it produces from college staff offices.
- II. Make full use of all recycling facilities provided by City Municipality and private suppliers, including glass, cans, white, colour and brown paper, plastic bottles, batteries, print cartridges, cardboard and furniture.
- III. Provide sufficient, accessible and well-publicized collection points for recyclable waste, with responsibility for recycling clearly allocated.
- IV. Single sided papers to be used for writing and photocopy
- V. Important and confidential papers after their validity to be sent for pulping.

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- VI. Solid garbage (building debris, unused building materials is to be removed from the college campus.
- VII. Waste paper, iron waste to be sold to vendor used for recycling.
- VIII. Different types of bins to be made available in the cafeteria particularly for dry and wet disposal.
 - IX. Use of Plastics (Polythene, Thermocole, PVC etc.) is minimized and waste plastics are recyclable.
 - X. The college building kept clean by washing and cleaning. Waste to be disposed of as per the guideline set.

E-Waste Generation

E-waste can be described as consumer and business electronic equipment that is near or at the end of its useful life. This makes up about 5% of all municipal solid waste worldwide but is much more hazardous than other waste because electronic components contain cadmium, lead, mercury, and Polychlorinated biphenyls (PCBs) that can damage human health and the environment.

Observations:

E-waste generated in the campus is very less in quantity. The cartridges of laser printers are refilled outside the college campus. Administration conducts the awareness Programmes regarding E-waste Management with the help of various departments. The E- waste and defective item from computer laboratory (Library) is being stored properly. The maintenance person taking back the E-waste of college. The quantity of e-waste generated in college is very few.

The institution has to sign MoU with approved E-waste management and disposal facility in order to dispose E-waste in scientific manner.

Recommendations:

1. Recycle or safely dispose of white goods, computers and electrical appliances to be given only to recommended E-Waste Vendor.

2. Always purchase recycled resources where these are both suitable and available.





Green Area:

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards This also helps in ensuring that Environmental Policy is enacted, enforced and reviewed using various environmental awareness Programmes.

Observations:

Campus is located in the vicinity of various species of trees. Various tree plantation programs are being organized during the month of July and August at college campus and surrounding villages.. This program helps in encouraging eco-friendly environment which provides pure oxygen within the institute. **The plantation program** includes various types of indigenous species of ornamental and medicinal wild plant species.

Total land area covered by plantation. 3302Sq. Mt









Green campus initiatives

- 1) Use of Bicycles
- 2) Pedestrian Friendly pathways
- 3) Ban on use of Plastic
- 4) Landscaping with trees and plants
- 1) Use of Bicycles


USE OF BICYCLES

2) Pedestrian Friendly pathways from front gate to first year building



PEDESTRIAN FRIENDLY PATHWAY

3) Ban on use of Plastic



NO TO PLASTIC, SAVE ENVIRONMENT



- 4) Landscaping with trees and plants
- a) Landscaping with trees



LANDSCAPING WITH TREES

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b) Landscaping with plants





Nagpur, Maharashtra, India Govenak Kothi Bus Stop, Chindwada Rd, Sadar, Nagpur, Maharashtra 440001, India Lat 21.165077° Long 79.080256° 31/01/22 11:52 AM



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Google

LANDSCAPING WITH PLANTS





Anjuman School Bus Stop, Chindwada Rd, Sadar, Nagpur, Maharashtra 440011, India Lat 21.164265° Long 79.080121° 21/01/22 11:27 AM

GPS Map Camera

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LANDSCAPING WITH PLANTS





c) LANDSCAPING WITH TREES & PLANTS

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ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

Mangalwari Bazar Road, Sadar, Nagpur-440001.

ACADEMIC YEAR 2021-22

Name of Event: CATCH THE RAIN	Date of Event:08/08/21		
Name of Organizers: NSS, ACET	Duration of Event;: 1 Hrs		
Name of Coordinators: Dr. Zakir Khan	Place of Event: ACET CAMPUS GROUND,, ACET		
DEDADT			

<u>KEPUKI</u>

"CATCH THE RAIN SEMINAR and Online Webinar AT ACET"

National Service Scheme unit of Anjuman College of Engineering & Technology organizing <u>"CATCH THE</u> <u>RAIN"</u> <u>Webinar Sunday, on 8th August, 2021 at 11:00 AM</u> on Zoom Meeting or at College Basketball Court for ACET Teaching & Non-Teaching Staff Members & Students.

To make aware and educate Youth Leaders and NSS Volunteers, families and Village communities on issue and need of water conservation and rain water harvesting. To empower youth to assume lead role for educating people to practice Rainwater "Harvesting" and popularize tagline "Catch the Rain, Where it falls, when it falls"

Sir you are requested to give permission for ACET NSS virtually organize "CATCH THE RAIN" Webinar on ZOOM MEET, and please provide faculty for Technical support to organize on ZOOM Meet.

The Staff and Student of Anjuman college of Engineering & Technology, participated in the noble cause.

Dr. Zakir S. Khan, ACET-NSS Program officer along with the all NSS Volunteers organizing committee worked under the supervision of Dr. S. M. Ali Sir for the success of <u>"CATCH THE RAIN"</u> event.



Dr. Zakir S. Khan Program Officer,ACET Dr. S. M. Ali Principal, ACET



College don't have owned vehicles that will emit CO2.

- Institute has carried out environment testing? Air, Water, Soil. Share test report.
- Is institute having ISO14001:2015 certification? No
- No. of subjects offered related to environment management. 2 (Civil Engg) + 1 Open Elective for other branches..
- Is environment preservation, protection part of curricular for each branch? As open Elective (Environment Engineering)
- Is green technology used for energy conservation?
- Yes 1. Solar Panels 2. Rainwater harvesting
- No. of lectures/seminars/conference conducted for energy conservation sustainable development? 1 No.
- How is environment awareness and consciousness built amongst the faculty members and students? Seminar, Guest lectures, Conference display
- What are top priorities of institute for inspiring green environment campus of institute? Solar panels, Tree plantation, Dustbins, etc
- Is water quality testing carried out? Yes
- Are water taps filled with high efficiency aerator taps to reduce wastages of water? Yes
- Are washrooms fitted with digital water flows for saving water? If yes, what is the
- Percentage? Yes. But limited.
- Are Separate dust-bin use to collect the waste? Yes

GEEn Improvements carried out in college :

- 1. $\sqrt{\text{Energy saving initiatives carried out by institute and energy consumption reduced}}$
- 2. $\sqrt{\text{Environment improvement initiatives}}$
- 3. Energy/Environment awareness programmes for 1.staff, 2. Students
- 4. Corporate Social Responsibility programmes undertaken
- 5. Vermi compost/Biogas system
- 6. Medicinal trees, Pollution control plantation
- 7. Reusable Water Bottles
- 8. $\sqrt{\text{Reusable water}}$
- 9. $\sqrt{\text{Ban on single use plastic}}$
- 10. Researches carried out (Energy .saving/Environment.)



- 11. $\sqrt{\text{Rain water harvesting}}$
- 12. $\sqrt{\text{Green building initiatives}}$
- 13. $\sqrt{\text{Provision \& Use of bicycles in campus}}$
- 14. Procurement of 5 star energy efficient devices/instruments
- 15. $\sqrt{\text{Displays}}$
- 16. $\sqrt{\text{List of books/ papers published by faculties/students related to Green/ Environment/}}$

Energy saving/conservation.

Sr.No.	Paper/Book Published	Author (Year of	Journal/Publishing
	topic	Faculty/Student)	Publication	Agency/Publisher

17. List of researches by faculties/students related to Green/ Environment/ Energy

saving/conservation.

Sr.No.	Research	Carried out by:	Year of	Highlights/Publication
		Faculty/Student	Research	
1.	Resource Efficinet		2020	IJSRST
	structure by Green			
	Concrete			

 Professional/National/International tie-ups related to Green/Environment/Energy initiatives. CSR activities etc.(If any)

Recommendations

- 1. Reviews periodically the list of trees planted in the garden, allot numbers to the trees and keep records. Give scientific names to the trees.
- 2. Promote environmental awareness as a part of course work in various curricular areas, independent research projects, and community service. Create awareness of environmental sustainability and takes actions to ensure environmental sustainability.
- 3. Establish a College Environmental Committee that will hold responsibility for the enactment, enforcement and review of the Environmental Policy. The Environmental



Committee shall be the source of advice and guidance to staff and students on how to implement this Policy.

- 4. Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings.
- 5. Celebrate every year 5th June as 'Environment Day' and plant trees on this day to make the campus more Green.
- 6. It is necessary to increase their land under vegetation, since there is lots of scope.
- Plantation of some medicinal trees to be done in the premises such as neem, aloevera, Tulsi, eucalyptus, arjun etc.

Some Other Recommendations:

- 1. Environmental Policy and Objectives to be defined displayed at prominent Location and make the staff and student aware of it.
- 2. Developed Environmental manual in line with ISO 14001:2015.
- Developed policies such as "No Tobacco Zone", "Plastic Ban premises", "Zero Water Leakage" etc.
- 4. Save environment related poster to be displayed everywhere in the college.
- 5. Use of electricity related awareness amongst the staff and student to be enhanced by displaying the poster.
- Identification of areas to be carried out such as Canteen, Waste Collecting area, Water Cooler, DG Set, Garden Area etc.
- 7. College shall strongly ban the use of plastic bag.
- 8. Environmental committee to be formed which may include the students of various departments, teaching, non-teaching staff and if possible some local interested people.
- 9. Separate container to be provided for sanitary napkin disposal.
- 10. Use of tobacco, smoking or chewing in campus shall be banned and instruction to be displayed at various places.
- 11. Cafeteria shall have proper food licence from the competent authority.
- 12. Person working in the cafeteria shall have proper medical check-up certificate.
- 13. College takes the step to sensitize the students and staff for the environment, energy conservation, and pollution hazard.
- 14. Pollution certificate of vehicles entering into the college to be ensured.



- 15. Cover the one of the well situated in front of the reception of the college.
- 16. DG set license to be made available. Get tested its emission and noise. Record of use of DG set to be maintained.
- 17. Air quality index to be tested periodically from recognized lab.
- 18. Water quality to be tested for its portability from recognized lab.
- 19. Consumption of cooking gas to be reduced and quantified.
- 20. Capacities of air coolers available in the college premises with details of their capacity to be enlisted.
- 21. List of equipments available in the colleges with their electrical consumption details to be prepared.
- 22. Student awareness to be enhanced for green environment and also for disposal of e-waste.
- Training related to GEEn Audit /ISO 14001:2015 to be provided to college staff, students, non-teaching staff etc.
- 24. Different types of bins to be made available in the cafeteria particularly for dry and wet disposal.
- 25. List of Major equipment with energy consumed to be prepared.
- 26. Total quantity of oil consumed per month for DG set to be calculated.
- 27. Record of water consumed to be made available day wise.
- 28. Energy consumed per month to be distinguished and keep the record of it.
- 29. No. of plantation done year wise and total survival rate to be maintained.
- 30. Replacement of Old conventional fan with BLDC Fan in phase vise
- 31. Earth pit resistance to be measured once in a year.
- 32. All the bikes in premises must have PUC

Conclusions:

Considering the fact that the institution is predominantly an undergraduate college, there is significant environmental research both by faculty and students. The environmental awareness initiatives are substantial. The installation of solar panels, paperless work system and composting and water harvesting activities are practiced. Besides, environmental awareness Programmes initiated by the administration shows how the campus is going green. Few recommendations are added to curb the menace of waste management using ecofriendly and scientific techniques. This



may lead to the prosperous future in context of Green Campus & thus sustainable environment and community development.

As part of GEEn Audit of campus, we carried out the environmental monitoring of campus. It was observed that Illumination and Ventilation is adequate considering natural light and air velocity present. The college needs to provide the training to the teaching, non-teaching staff, students to maintain the green culture in the premises and day to day life of the individual.



Its Beginning.....

Point No.6







ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

Mangalwari Bazar Road, Sadar, Nagpur-440001. (Managed By Anjuman Hami-E-Islam, Nagpur.)

ACADEMIC YEAR 2022-23

Name of Event: Samavas Industry Institute	Date of Event: 21 May 2023			
Interaction	Date of Event. 21 May 2025			
Name of Organizers: Anjuman College of				
engineering and Technology & Anjuman	Duration of Event: 5.30pm to 9 pm			
polytechnique				
Name of Coordinators: Muzaffar Khan	Place of Event: Anjuman Engineering			
Nume of Cool unitatory. Muzariar Kilan	Campus			
REPORT				

Anjuman college of Engineering & Technology has organized Industry Institute interaction ("Samavas 2023") on 21st May 2023.In this program Human Resource person from Local Industries invited and felicitated by Institute. Interaction was held with HR on various field such as Traning, Placement and consultancy.

Type of Participants: Industry (Human Resource Department) Photographs:



Prof. Muzaffar Khan Event Coordinator



Principal Dr. SYED MOHAMMAD ALI Principal

Anjuman Colloge of Engineering & Technology, Sadar, Nagarati





(2) Photo of Flyer

Invitation



SADAR, NA.OPUR.

Anjuman College of Engineering & Technology, Sadat, North





- (3) Name of Industry Participated in Samavas
 - HI Tech Resistors
 - Pixel Values Technolabs
 - Virtual Globe Technologies
 - Oakland Systems Pvt. Ltd.
 - Esense IT
 - Indorama Synthetics Pvt. Ltd.
 - Persistent
 - Syslogix Technologies Pvt. Ltd.
 - Snehadeep Structures Pvt. Ltd.
 - Lila Poonawalla Foundation
 - Dalmia Cement Bharat Ltd
 - HSM Edifice Construction Ltd.
 - SGS India Pvt. Ltd.
 - India Hume Pipes Co. Ltd.
 - Teqworth Solutions & Services LLP
 - NewCreax
 - Hitech Polyplast Nagpur
 - Lighthouse Infosystems Pvt. Ltd.
 - Blueberry Semiconductors Pvt. Ltd.
 - Click2Cloud
 - Q3 Construction Pvt. Ltd.

Elkem South Asia Pvt. Ltd. A. R. Comm TP Ltd.

- Infocepts
- Vishwaraj Infra Ltd.
- Ashmi Road Carriers Pvt. Ltd.
- Fendahl Technology
- Sagacious IP
- SMS Group
- •
- Perficient India Pvt. Ltd.
- - Tech Mahindra
 - Jayaswal Neco Industries Ltd.
 - Vidarbha Industrial Association

 - Calderys I R Ltd
 - TCS Nagpur
 - Mahindra & Mahindra
 - Nanik Group
 - IIM Nagpur
 - JSW Steel Ltd.
 - Megataj Agrovet Pvt. Ltd.
 - Butibori Manufacturing
 Association
 - Imagis Engineering Solutions Pvt. Ltd
 - Institute of Engineers Nagpur
 - Delaplex
 - Hitbhav Engineer
 - Plasto

ENGINEER

ADAR, MAOPUR.



Dr. SYED MOHAMMAD ALI Principal Anjuman College of Engineering & Tochnology, Sadar, Nagnan





NEWS PUBLISHED DAMIK BASKAR



आंफ नागपा अंजमन कॉलेज टेक्नोलॉजी T इंजीनियरिंग एंड मेगा कार्यक्रम समावेश-2023 का विदाशा मॉफ्टवेयर आदि ने कॉलेज आयोजन हुआ। कॉलेज ने अपने द्वारा उद्योग के सम्मान की पहल की उद्योग संस्थान शिखर सम्मेलन में सराहना की और उद्योग तथा संस्थान कई बडे उद्योग प्रतिष्ठान को आमंत्रित के सहयोग की आवश्यकता पर जोर किया। विदर्भ क्षेत्र के आर्थिक उत्थान दिया। कार्यक्रम में अनीस अहमद, और बेहतरी के लिए उनके योगदान के सीईओ, एएचआई, डॉ. एसएम अलो लिए उन्हें सम्पानित किया। जाने-माने सामाजिक उद्यमी व कॉलेज विकास समिति के अध्यक्ष तनयीर मिर्जा ने इस कार्यक्रम का आयोजन किया। सम्मानित अतिथि अरविंद कुमार प्रमुख

रीसीएस, डॉ. किशव मालवीय अध्यक्ष सोआईआई, अमिताश खन्ना अष्यक्ष प्रिंसिपल एसीइंटी, मोहम्मद रफीवल्ला ग्निंसिपल अंजुगन पॉलिटेक्निक, राशिद जमाल, प्रिंसिपल अंजुमन आईटोआई सहित स्टाफ सदस्य और अन्य प्रगुख लोग उपस्थित थे।

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Damik Bhaskar Date: 25/05/23, page 10.2,





Dr. SYED MOHAMMAD ALI Principal Anjuman College of Engingering & Technology, Sadar, Negpui

Point No.7





THE ACADEMIC YEAR 2022-23

Name of Event: Workshop on Frame working of NAAC accreditation criteria	Date of Event: 14/01/2023	
Name of Organizers: IQAC, A.C.E.T	Duration of Event:1 day	
Name of Coordinator: Dr. Archana Shirbhate	Place of Event : (Offline Mode) Seminar Hall A.C.E.T Main Building	

REPORT

A workshop on *Frame working of NAAC accreditation Criteria* under the banner of IQAC was organized at Anjuman College of Engineering & Technology on the 14thth of January 2023. Dr. Anchit Narwadkar was the Chief Guest and the speaker. He delivered his expert session on Frame working of NAAC accreditation Criteria and shared his experiences. Around 25 participants from the host institute attended the workshop. The workshop was organized by Dr. Archana Shirbhate, Coordinator of IQAC. The program was compared by Prof. Firoz Siddiqui under the guidance of Dr. S.M. Ali, Principal, and Administrator, Management Anjuman Hami-E-Islam Justice Z.A. Haq.

Glimpses of Workshop





Glimpses of Workshop









Attendance Sheets

ATTENDANCE SHEET Dak - 14/1/2023

Sr No	Name of Staff	Signature
01	Dr. Stehana Shuthali	Aut 1011227
02	Dr. Sayyord Naimueldin	Blain
03	Prof. Kamlesh Kelworde	Ma 14/81/23
04	Posti Rishinospan	efga
05	Dr. Ruhi Vema Sheikh.	Juli-14/01/23
06	Dr. RN Dehenker	QL
07	Pa Nafees P Khan	14/11/23
08	Di Nawaz Khan	Moler 2/01/23
09	DE Rashini G. Bade	-laade Hil23
10	Ngzich Khan.	Ulbucytor 23.
11	Dr. Tasneers K-H. Khan	huyee 22 14 10-123
12	Firoz Ahmen Siclelight	Bithm
13	Dr. Vikas s. Nagrale	14/01/23 0-112/01/23
- 14	Sanjay & Goniar	- KOILETINIZS
15	Akash Langde	A
16	Akil Ahemaed	Heneral 123
17	Rulina clean	12/10/22
18	Ma Safit	Clere-tal.
19	A.S. Uha	SCH Jalute
20	D. M. Namuellu	14/21/2023 With
21	Dr. M. Schail Porvez	- 414/ M/2-3





Attendance Sheets

	ATTENDANCE	SHEET Date: 111
Sr No	Name of Staff	Signature
01	AAMIR SIDDIRU	
02	Mohammach Achil	When fiddigen
03	Mr Marit khan	
04	Mr Amark	P
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Dr.Archana Shribhate Coordinator, IQAC

Dr. S. M .Ali

(Principal, ACET)

Point No.8

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

RPS - Sanction Letter

File No. 8-130/FDC/RPS (POLICY-1) /2019-20

Date: 14 Aug 2020

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.1036954/- being the 1st installment of the total grant of Rs.1052745/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2020-21.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs.1036954/- (Rupees Ten Lakh Thirty Six Thousand Nine Hundred Fifty Four Only)** as 1st installment out of a total approved grant-in-aid of **Rs.1052745/-** for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

- Le	Name and address of the Beneficiary Institution (University / College / Institution)	:	Registrar / Director / Principal, Anjuman College of Engineering & Technology, Nagpur, Maharashtra-440001
Ш.	Principal Investigator's Name & Dept./Course	•	Dr. Akash Langde (Mechanical Engineering)
III.	Grant-in-aid Sanctioned	2	Rs.1052745_/- (Rs. 894833/- for non-recurring and Rs.157912 /- for recurring expenditure)
IV.	Amount to be Released during the year 2019-20 (as 1 st installment)	:	Rs.1036954 /- (Rs. 894833/- Full amount of non-recurring & Rs.142121/- 90 % of recurring sanctioned)
V.	Project Duration	1	3 Years
VI.	Title of the Project	:	Development of CO2 capture distinct technique by CO2 adsorbents material in a sound assisted fluidized bed to reduce CO2 contents.

I. Release of funds:

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of Anjuman College of Engineering & Technology, Nagpur, Maharashtra-440001 through RTGS/PMFS.
- 2. The sanctioned grant-in-aid is debitable to the Major Head "601.12.a (RPS Plan)" Gen. and is valid for payment during the financial year 2020-21.
- 3. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- 4. The 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.

II. Maintenance of account by the Institute/PI:

- 1. 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.
- 2. The grant is intended to cover items of expenditure/equipment approved by AICTE.
- 3. Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Director (Faculty Development Cell), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

- 4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
- 5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Holder Name	Account Type	Account Number	IFSC Code
AAFTA46 29J	IDBI Bank Ltd	Sadar	1st Floor, SJTI Complex, Residency Road,Nagpur	Principal, Anjuman College of Engg & Tech	Saving Account	64810010002637	IBKL0000648

- 6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- 7. Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

III. General Instructions:

- 1. It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.
- 2. The duration of Project is 03 years and the date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, through RTGS as per details given below:

Account Number	55113199952	
Name of the Account Holder	Member Secretary, AICTE, New Delhi	-
Bank Name	State Bank of India	
Branch Name	Shashtri Bhawan, New Delhi	-
IFSC Code	SBIN0050203	

- 3. The Institute may constitute a Project Monitoring Committee (PMC). The composition of the PMC shall be as under:
 - i. Principal/Director of the institution (Chairperson)
 - ii. Two HODs from institute (Members)
 - iii. In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
 - iv. Coordinator of the project (Member Secretary)
- 4. The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
- 5. Similarly, the recurring grant shall be used for the items sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant.

:: 3 ::

- 6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
- The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.
- 8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).
- 9. The assets acquired wholly or substantially out of All India Council for Technical Education's 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 All India Council for Technical Education.
- 10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
- 11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.
- IV. Submission of documents by the institute/PI to AICTE:
- A. Documents to be submitted within one month of completion of each financial year:
 - i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
 - ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
 - iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
 - iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
 - v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

:: 4 ::

Approved list of items under Non-recurring grant:

S. No.	Approved Item (As per proposal)	No. of Units	Amount recommended
Α.	Non-recurring		
i)	Co2 and N2 Cylinder regulator	2	
ii)	Sound source, microphone and sound level meter	1	
iii)	N2 cylinder	10	
iv)	Co2 cylinder	10	
v)	N2 flow meter	1	Rs.894833/-
vi)	co2 flow meter	1	
Vii)	Fluidiesd bed filter	1	
viii)	Pressure transducer	1	
ix)	Co2 analyser	1	
x)	Fine size activated carcon particals.	10	
Β.	Recurring (i.e. 90% of total approved recurring		Rs.142121/-
	grant) for Contingencies & Consumables only		
	Grand Total (A)+(B)		Rs.1036954/-

1. Registrar/Director/Principal, Anjuman College of Engineering & Technology, Nagpur, Maharashtra-440001

 Name of Principal Investigator, Dr. Akash Langde, Anjuman College of Engineering & Technology, Nagpur, Maharashtra-440001

3. Office of Director General of Audit General Revenues, AGCR Building I.P. Estate, New Delhi-110002.

Guard File

4.

(Col. B. Venkot) Director (FDC) 2 1 AUG 2020