



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade  
Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Minutes of Meeting held on 29/12/2022

Date: 02-01-2023

A meeting to evaluate the progress of strategic goals for the strategic plan 2021-30 was held on 29<sup>th</sup> December, 2022 at 2 PM in the AJIVIKA Conference Hall, Bill Gates Bhavan.

The following members attended the meeting:

S.No	Name	Designation	Signature
1	Dr. M. Sreenivasa Reddy	Principal	
2	Dr. G. Suresh	Dean-Statutory Bodies	
3	Dr. T. Narendrudu	Dean-Administration	
4	Dr. S. Rama Sree	Dean-Academics	
5	Dr. K.V.S.R. Murthy	Dean-R&D	
6	Mr. J. Pavan	Dean-Evaluation	
7	Mr. J.D. Venkatesh	Dean-Student Affairs	
8	Dr. B. Ram Mohan Reddy	HOD-CE	
9	Dr. V. Srinivasa Rao	HOD-EEE	
10	Dr. Pritam Das	HOD-ME	
11	Dr. N. Radha	HOD-ECE	
12	Ms. A. Vanathi	HOD-CSE	
13	Dr. M.V. Rajesh	HOD-IT	
14	Dr. R. Giri Prasad	HOD-PT	
15	Mr. Satyajeet Parida	HOD-Min.E	
16	Dr. B. Krishna Kanth	HOD-Ag.E	
17	Dr. A. Vikram	HOD-AI&ML	
18	Dr. M. Bala Prabhakar	HOD-H&BS	
19	Dr. Sanjay	HOD-MS	
20	Ms. D. Beulah	HOD-MCA	

## **Minutes and Resolutions:**

### **AEC/Strategic Goal/01: Teaching and Learning**

**Action Plan:** Development of e-content by establishing a media production center.

**Discussion:** Dean Academics informed the members about the e-content developed through media production center of the institute. 10 courses were developed till date and made available in the institute website.

**Resolutions:** It is resolved to develop video lectures for few more courses during the summer break.

### **AEC/Strategic Goal/02: Curriculum design**

**Action Plan:** To introduce inter-disciplinary, trans-disciplinary and multi-disciplinary programmes.

**Discussion:** Members reviewed the existing curriculum.

### **AEC/Strategic Goal/03: Infrastructure Expansion**

#### **Action Plan:**

- To construct 2 more buildings to accommodate incubation center, central library and Examination Section.
- To augment advanced laboratory facilities to support research in emerging technologies.
- Adequate infrastructure to become a university.
- To modernize existing classroom facilities into the digital classrooms.

#### **Discussion:**

- Principal informed about the progress of the new academic blocks under construction. One academic block construction is completed and is hosting incubation center, technical training center and Bank. Other academic block is almost complete and will host central library, examination center and classrooms, laboratories for first year B.Tech.

### **AEC/Strategic Goal/04: Strengthen research and consultancy activities.**

#### **Action Plan:**

- Minimum 2 publication per faculty a year
- Research training through assignments and field action programs for students
- Enhance industry-institute interaction to pursue consultancy
- MoU's with higher education institutions and industries to facilitate faculty and student exchange programs/internships

**Discussion:**

- Dean R&D presented the statistics related to research publications, research training.
- Members are informed about various consultancy activities carried out during the past two years.
- Members are informed about various activities organized through MOUs with higher learning institutions.

**Resolutions:** It is resolved to focus on sponsored research and encourage all faculty members towards pursuing collaborative research and produce quality research articles.

**AEC/Strategic Goal/05:** Faculty development

**Action Plan:** Encouraging and incentivizing faculty to join for Ph.D. programs.

**Discussion:** Dean R&D presented the statistics related to faculty pursuing Ph.D and various incentives offered by the institute to support research.

**Resolutions:** It is resolved to encourage faculty to pursue Ph.D program.

  
**Coordinator**  
**(IQAC)**





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Date:24-12-2022

## CIRCULAR

All the Deans & HODs are hereby informed to attend a review meeting to discuss the progress of strategic goals. In this connection, Deans & HODs are informed to appraise the progress of the strategic goals in the meeting.

The meeting will be held on 29<sup>th</sup> December, 2022 at 2:00 PM in AJIVIKA Conference Hall.

PRINCIPAL

To

All the Deans & HODs to comply with



**ADITYA ENGINEERING COLLEGE(A)**

Aditya Nagar, ADB Road, Surampalem

**Incentives provided to encourage Research**

S. No.	Year	IF.Journals	Scopus Journals	Int.Conf	Nat.Conf	UGC/WOC	Patents	Text Books	National Magazine	Total (INR)
1	2016-17		104000	125700	31000	26,000				2,86,700
2	2017-18		120000	96000	22600	70,000		30,000	12000	3,50,600
3	2018-19		52000	121000	9500	24,000	50,000	40,000	6000	3,02,500
4	2019-20	75000	90000	140400	6800	36000	145000	8,000		5,01,200
5	2020-21	151200	267500	200494	13050	22000	25000	74,000		7,53,244
6	2021-22	842700	250000	903765		21000	20000	68,450	25000	21,30,915
7	2022-23	1661956	393800	957783		14000	50000	1,13,590		31,91,129
	Total	2730856	1277300	2545142	82950	2,13,000	2,90,000	3,34,040	43000	75,16,288



Dean-R&amp;D

**Dean (R&D)**  
**Aditya Engineering College (A)**  
**Surampalem**



# ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

## Faculty Pursuing Ph.D

S.No	Name of the Faculty	Designation	Dept	University in which Ph. D. pursuing	Year of Admission	Status
1	Mr. K.L. Kishore	Assistant Professor	ME	ANDHRA UNIVERSITY	2014	Yet to Submit Thesis
2	Ms. Varsala Pragna	Assistant Professor	ME	ANNAMALAI UNIVERISTY	2022	Course Work Completed
3	Ms. A Sireesha Bhadrakali	Assistant Professor	ME	KLU UNIVERSITY	2018	Yet to Submit Thesis
4	Mr. S D V V S Bhimeswar Reddy	Assistant Professor	ME	LINCOLN UNIVERSITY, MALAYSIA	2019	Yet to Submit Thesis
5	Mr. N S Maruthy Vijay Sripada	Assistant Professor	ME	ANDHRA UNIVERSITY	2020	1st Research Review Meeting Completed
6	Mr. Vinjamuri S N Ch Dattu	Assistant Professor	ME	LINCOLN UNIVERSITY, MALAYSIA	2019	Yet to Submit Thesis
7	Mr. Rajesh Kumar	Assistant Professor	ME	NIT, AGARTALA(TRIPURA)	2022	Course Work
8	Mrs. K. Vijetha	Assistant Professor	ME	JNTUK,KAKINADA	2022	Course Work
9	Ms. Sanipina Anjani Devi	Assistant Professor	ME	ANNAMALAI UNIVERISTY	2022	Course Work Completed
10	Mr. Durga Venkatesh Janaki	Assistant Professor	ME	JNTUK,KAKINADA	2018	1st Research Review Completed
11	Mr. Adduri S S M Sitaramamurty	Assistant Professor	ME	ANNAMALAI UNIVERISTY	2022	Course Work Completed
12	Mr. Sundarapalli Ganapathi	Assistant Professor	ME	JNTUK,KAKINADA	2022	Course Work
13	Mr. Devarapalli Raviteja	Assistant Professor	ME	JNTUK,KAKINADA	2022	Course Work
14	Ms. Mylavaram Anusha	Assistant Professor	ME	ANNAMALAI UNIVERISTY	2022	Course Work Completed
16	Mr. Jagathani Raja Sekhar	Assistant Professor	ME	JNTUK,KAKINADA	2016	Yet to Submit Thesis
17	Mr. Itha Veeranjanyulu	Assistant Professor	ME	ACHARYA NAGARJUNA UNIVERSITY	2018	Ready For Viva Vice
18	Mr. B. Ramsagar	Assistant Professor	CE	NIT Silchar	2021	DC-2 Completed
19	Ms. Anjali R	Assistant Professor	CE	VIT University	2017	Synopsis Submitted
20	Mrs. P Lakshmi	Assistant Professor	CE	S.V. University	2022	Provisional registration
21	Mr. P. Shiva Kumar	Assistant Professor	CE	ANU Guntur	2016	Course work completed
24	S.Neelima	Assistant Professor	IT	JNTUK	2022	Survey paper preparation completed
25	A.K.Chakravarthy	Assistant Professor	IT	JNTUK	2020	One paper published,RRM-1 Completed
26	A. Lakshmanarao	Assistant Professor	IT	Andhra University	2018	Thesis Submitted
27	M. Raja Babu	Assistant Professor	IT	JNTUH	2012	Ready to pre-talk
28	R. Srinivasa Rao	Associate professor	PT	IIT Bombay	2019	Continue

S.No	Name of the Faculty	Designation	Dept	University in which Ph. D. pursuing	Year of Admission	Status
29	M.V.V.S.Anuprakash	Assistant Professor	PT	DIT University Dehradun	2022	Continue
30	Mr.V.Satyanarayana	Associate professor	ECE	JNTUA University	2017	Course Work Completed
31	Mr.M.S.R.Sekhar	Associate professor	ECE	JNTUK University	2010	Course Work Completed
32	Mr.S.Jagadeesh	Associate professor	ECE	GIET University	2019	Course Work Completed
33	Mr.P.Bujjibabu	Associate professor	ECE	JNTUK University	2014	Course Work Completed
34	Mr.G.Rama Naidu	Associate professor	ECE	JNTUK University	2020	Course Work Completed
35	Mr.M. Neeladri	Associate professor	ECE	Poncherry University	2018	Course Work Completed
36	Mrs.K.Pavani	Associate professor	ECE	JNTUK University	2020	Course Work Completed
37	Mr.S.Hari Chandra Prasad	Associate professor	ECE	Poncherry University	2018	Course Work Completed
38	Mrs.S.S.Vidya Balantrapu	Associate professor	ECE	JNTUK University	2022	Recently Joined
39	Mr.G.Ajay Sankar	Assistant Professor	ECE	KL University	2020	Course Work Completed
40	Mr. P. Bala Srinivas	Assistant Professor	ECE	GIET University	2019	Course Work Completed
41	Mrs.Yamini devi Ykuntam	Assistant Professor	ECE	JNUTK University	2020	Course Work Completed
42	Mr. Nukella Venkatesh	Assistant Professor	ECE	NIT,Silchar	2020	Course Work Completed
43	Mr. K.N.S.L. Kumar	Associate professor	AIML	Acharya Nagarjuna University	2019	Part 1 completed
44	N. Sujatha	Associate professor	H&BS	JNTU - KAKINADA	2016	RRM Completed
45	CH.S.S.N Murthy	Assistant Professor	H&BS	Andhra University	2021	RRM Completed
46	K. Anjam Devi	Assistant Professor	H&BS	Andhra University	2022	Guide Alloted
47	D.V.L.Prasanna	Assistant Professor	H&BS	JNTU - KAKINADA	2016	RRM Completed
48	K. Mrudula Devi	Assistant Professor	H&BS	JNTU - KAKINADA	2016	RRM Completed
49	P. Satish	Assistant Professor	H&BS	Andhra University	2021	RRM Completed
50	B. TirupathiRao	Assistant Professor	H&BS	Acharya Nagarjuna University	2020	Work in progress
51	B. Rambabu	Assistant Professor	H&BS	K. L. University	2018	Work in progress
52	Rafiuunnisa	Assistant Professor	H&BS	Andhra University	2020	Work in progress
53	L. V. Veerajayulu	Assistant Professor	EEE	Dr. A.P.J. Abdul Kalam University, Indore	2018	Work in progress
54	R. Kanaka Durga	Assistant Professor	H&BS	JNTU - KAKINADA	2022	Guide Alloted
55	K. Naga Suresh	Assistant Professor	ME	Acharya Nagarjuna University	2022	Appearing for pre Ph.D Exams
56	K. Rakeshvarma	Assistant Professor	ME	Annamalai University	2022	Appearing for pre Ph.D Exams
57	Mylavarapu Kalyan Ram	Associate professor	CSE	KL University 2019	2019	pre PhD complete and published 2papers
58	T.Sudha Rani	Associate professor	CSE	JNTUK	2014	RRM's got satisfactory to apply Pretalk,One Scopus Indexed published and one more paper accepted and yet to publish to apply pretalk
59	K. Govindaraju	Assistant Professor	CSE	Pondicherry University	2019	First DC meeing completed, getting ready for Second DC meeting. 2 papers under review



S.No	Name of the Faculty	Designation	Dept	University in which Ph. D. pursuing	Year of Admission	Status
60	P.Murali	Assistant Professor	CSE	NIT Nagaland	2022	Pre PhD completed and submitted 2 papers in scopus and SCI indexed Journals
63	A Phani Sridhar	Associate professor	CSE	Gitam University	2018	Need to apply for pre talk
65	G Umamahesh	Assistant Professor	CSE	GITAM University, Visakhapatnam	2021	Pre PhD completed and review paper published in scopus conference
66	R.Sudhakar Reddy	Assistant Professor	Mining	A.K.S University	2021	Thesis Submission in next Semester
67	Mr. Chennapragada Amarendra	Assistant Professor	EEE	K.L. University	2014	Waiting for Viva- Voice
68	Mr. Srihari Datta Bhimaraju P	Assistant Professor	EEE	JNTU Kakinada	2014	Pursuing
69	Mr. B. Srisatya Ganeshpardhu	Assistant Professor	EEE	JNTU Kakinada	2016	Pursuing
70	Mr. Rajesh Nekkanti	Assistant Professor	EEE	Dr. A. P. J. Abdul Kalam University	2019	Pursuing
71	Mr. Chakka Bapi Ayyappa Raju	Assistant Professor	EEE	NIT Meghalaya	2019	Pursuing
72	Mr. Rambabu Kasukurthi	Assistant Professor	EEE	Andhra University	2020	Pursuing
73	Mrs. V. V. L. Kala Bharathi. B.	Assistant Professor	EEE	Andhra University	2020	Pursuing
74	Mr J. Pavan	Assistant Professor	EEE	Rabindranath Tagore University	2020	Pursuing
75	Mr. Ballekura Veeranarayana	Assistant Professor	EEE	Andhra University	2022	Pursuing

Dean-R&D

Dean (R&D)  
Aditya Engineering College (A)  
Surampalem

# ADITYA ENGINEERING COLLEGE (A)

## Papers published by Faculty in Journals/Conferences

June to Dec- 2022

International Journals (With Impact Factor)	79
International Journals (Scopus)	26
Scopus Indexed International Conferences	85
Web of Science Journals	-
International Journals (UGC)	01
National Conferences	02
<b>Total</b>	<b>193</b>

### International Journal: (With Impact Factor)

1. Pritam Kumar Das, "Effect of injection pressure adjustment towards performance, emission and combustion analysis of optimal nahar methyl ester diesel blend powered agricultural diesel engine", Energy, Vol.263, Nov 2022.

[IF 8.85, SJR 2.04, H- Index 212]

2. N. Ram Babu, "A Comprehensive Review of Recent Strategies on Automatic Generation Control/Load Frequency Control in Power Systems", Archives of Computational Methods in Engineering, Oct 2022.

[IF 8.17, SJR 1.62, H- Index 71]

3. P.V.Elumalai, "Combustion and emission behaviors of dual-fuel premixed charge compression ignition engine powered with n-pentanol and blend of diesel/waste tire oil included nanoparticles", Fuel Journal-Elsevier, Vol. 324, June 2022.

[IF 8.03, SJR 1.51, H- Index 229]

4. P.V.Elumalai, "Experimental assessment on characteristics of premixed charge compression ignition engine fueled with multi-walled carbon nanotube-included Tamanu methyl ester", Fuel Journal-Elsevier, Vol. 323, June 2022.

[IF 8.03, SJR 1.51, H- Index 229]

5. Sumit M. Choudhary, "Effect of granite industry waste addition on durability properties of fly ash blended self-compacting concrete", Construction and Building Materials, Vol.340, July 2022.

[IF 7.69, SJR 1.78, H- Index 198]

6. K. Bapayya Naidu, "An Effective Sustainable Control of Brushless DC Motor using Firefly Algorithm – Artificial Neural Network based FOPID Controller", Sustainable Energy Technologies and Assessments, Vol.52, Aug 2022.

[IF 7.63, SJR 1.36, H- Index 48]

7. G. Jaswanth, "Performance-based probabilistic deflection capacity models and fragility estimation for reinforced concrete column and beam subjected to blast loading", Reliability Engineering and System Safety, Vol.227, July 2022

[IF 7.24, SJR 1.82, H- Index 157]

8. Biswajit Karan, "An investigation about the relationship between dysarthria level of speech and the neurological state of Parkinson's patients", Biocybernetics and Biomedical Engineering, June 2022.

[IF 5.68, SJR 1.19, H- Index 37]

9. K. Ayyappa Swamy, "Spiral Search Grasshopper Features Selection with VGG19-ResNet50 for Remote Sensing Object Detection", Remote Sensing, Vol.14, No.21, Nov 2022.

[IF 5.34, SJR 1.28, H- Index 144]

10. A. Saravanan, "Performance estimation of tubular solar still with a wicked rotating drum using DT, LR, and KNN techniques of machine learning", Neural Computing and Applications, June 2022.

[IF 5.10, SJR 1.07, H- Index 94]



11. Abhishek Kumar Tripathi, "Quantitative Analysis of Solar Photovoltaic Panel Performance with Size-Varied Dust Pollutants Deposition Using Different Machine Learning Approaches", *Molecules*, Vol.27, No. 22, Dec 2022.

[IF 4.92, SJR 0.71, H- Index 171]

12. G. Ganesh, "Multimodal Imaging and Phototherapy of Cancer and Bacterial Infection by Graphene and Related Nanocomposites", *Molecules*, Vol.27, No.17, Aug 2022.

[IF 4.92, SJR 0.71, H- Index 171]

13. G. Ganesh, "Status Quo on Graphene Electrode Catalysts for Improved Oxygen Reduction and Evolution Reactions in Li-Air Batteries", *Molecules*, Vol.27, No.22, Nov 2022.

[IF 4.92, SJR 0.71, H- Index 171]

14. G. Jaswanth, "Performance-based probabilistic capacity models for reinforced concrete and prestressed concrete protective structures subjected to missile impact", *International Journal of Impact Engineering*, Vol.164, June 2022.

[IF 4.59, SJR 1.41, H- Index 133]

15. B. R. S. S. Raju, "Modeling of Sensor Enabled Irrigation Management for Intelligent Agriculture Using Hybrid Deep Belief Network", *Computer Systems Science and Engineering*, Vol.46, No.2, Dec 2022.

[IF- 4.39. SJR 0.32, H- Index 27]

16. P. Udayakumar, "Coot Optimization with Deep Learning-Based False Data Injection Attack Recognition", *Computer Systems Science and Engineering*, Vol.46, No.1, Oct 2022.

[IF- 4.39. SJR 0.32, H- Index 27]

17. Elumalai P.V, "Effect of Kariba Weed Biodiesel Blended with n-Pentane on the Chosen Parameters of a Ceramic-Coated Thermal Barrier Direct Injection Diesel Engine", *ACS Omega*, Vol.7, No.50, Dec 2022.

[IF 4.13, SJR 0.71, H- Index 55]

18. Elumalai P.V, "Experimental Studies on Thermal-Barrier-Coated Engine Fuelled by a Blend of Eucalyptus Oil and DEE", ACS Omega, Vol. 7, No.50, Dec 2022.

[IF 4.13, SJR 0.71, H- Index 55]

19. P.V. Elumalai, "Assessment of CI Engine Performance and Exhaust Air Quality Outfitted with Real-Time Emulsion Fuel Injection System", Sustainability, Vol.14, No.9, July 2022.

[IF 3.88, SJR 0.66, H- Index 109]

20. Elumalai P.V, "Optimization of Performance and Emission Characteristics of the CI Engine Fueled with Preheated Palm Oil in Blends with Diesel Fuel", Sustainability, Vol.14, No.23, Dec 2022.

[IF 3.88, SJR 0.66, H- Index 109]

21. N. Ram Babu, "Dynamic Stability Evaluation of an Integrated Biodiesel- Geothermal Power Plant-Based Power System with Spotted Hyena Optimized Cascade Controller", Sustainability, Vol.14, No.22, Nov 2022.

[IF 3.88, SJR 0.66, H- Index 109]

22. G. Vishnu Vardhan, "Outage Probability Analysis and Transmit Power Optimization for Blind-Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Uplink", Sustainability, Vol.14, No.20, Oct 2022.

[IF 3.88, SJR 0.66, H- Index 109]

23. Elumalai P.V, "Heat Transfer Studies on Solar Parabolic trough Collector Using Corrugated Tube Receiver with Conical Strip Inserts", Sustainability, Vol.15, No.1, Dec 2022.

[IF-3.88. SJR 0.66, H- Index 109]

24. Elumalai P.V, "Effects of Injection Timing and Antioxidant on NO<sub>x</sub> Reduction of CI Engine Fueled with Algae Biodiesel Blend Using Machine Learning Techniques" Sustainability, Vol.15, No.1, Dec 2022.

[IF-3.88. SJR 0.66, H- Index 109]

25. S.Ramasree, "Jellyfish Search Optimization with Deep Learning Driven Autism Spectrum Disorder Classification", Computers, Materials and Continua, Vol.74, No.1, Oct 2022.

[IF 3.86, SJR 0.67, H- Index 44]

26. S. Ramasree, "DNA Computing with Water Strider Based Vector Quantization for Data Storage Systems", Computers, Materials and Continua, Vol.74, No. 3, Dec 2022.

[IF-3.86. SJR 0.67, H- Index 44]

27. M. V. Rajesh, "Blockchain Driven Metaheuristic Route Planning in Secure Wireless, Sensor Networks", Computers, Materials and Continua, Vol.74, No.1, Oct 2022.

[IF 3.86, SJR 0.67, H- Index 44]

28. N. Nagabhooshanam, "Investigation of High-Temperature Wear Behaviour of AA 2618-Nano  $\text{Si}_3\text{N}_4$  Composites Using Statistical Techniques", Journal of Nanomaterials, Sep 2022.

[IF 3.79, SJR 0.52, H- Index 77]

29. N. Nagabhooshanam, "Nanotitanium Oxide Particles and Jute-Hemp Fiber Hybrid Composites: Evaluate the Mechanical, Water Absorptions, and Morphological Behaviors", Journal of Nanomaterials, Sep 2022

[IF 3.79, SJR 0.52, H- Index 77]

30. V. Srinivasa Rao, "Machine Learning Algorithms are Applied Nanomaterial Properties for Nanosecurity", Journal of Nanomaterials, July 2022.

[IF 3.79, SJR 0.52, H- Index 77]

31. N. Nagabhooshanam, "Effect of black rice husk ash biosilica on mechanical, wear, and fatigue behavior of stacked aloevera/roselle and glass fiber reinforced epoxy composite", Polymer Composites, Vol.43, No.10, Oct 2022.

[IF 3.53, SJR 0.55, H- Index 87]

32. N. Nagabhooshanam, "Effect of silanized stacked Kevlar fiber/brass 270 wire mesh on mechanical and impact toughness of cubic boron nitride-epoxy composite", Polymer Composites, Vol.43, No.10, Aug 2022.

[IF 3.53, SJR 0.55, H- Index 87]



33. N. Nagabhooshanam, "EMI shielding of cobalt, red onion husk biochar and carbon short fiber-PVA composite on X and Ku band frequencies", Polymer Composites, Vol.43, No.10, Sep 2022.  
[IF 3.53, SJR 0.55, H- Index 87]
34. Kala Bharathi B.V.V.L., N. Nagabhooshanam, "Preparation and characterization of opuntia-cladode fiber and citron peel biochar toughened epoxy biocomposite", Polymer Composites, Sep 2022.  
[IF 3.53, SJR 0.55, H- Index 87]
35. B. Tirupati Rao, "Carboxymethyl Cellulose Stabilized Cobalt Sulfide Nanoparticles: Preparation, Characterization and Application", Journal of Cluster Science, Dec 2022.  
[IF 3.44, SJR 0.47, H- Index 49]
36. N. Ram Babu, "Impact of Spotted Hyena Optimized Cascade Controller in Load Frequency Control of Wave-Solar-Double Compensated Capacitive Energy Storage Based Interconnected Power System", Energies, Vol.15, No.19, Oct 2022.  
[IF 3.25, SJR 0.65, H- Index 111]
37. P. Bujji Babu, "Design and Application of Silicon on Insulator Based SiGe VTFET in IIR Filter by Balanced Truncation (BT) Method of Model Order Reduction", Silicon, Sep 2022.  
[IF 2.94, SJR 0.49, H- Index 34]
38. Abhishek Kumar Tripathi, " Environmental and exergo economic assessments of a novel biomass gasification based solid oxide fuel cell and heat engine hybrid energy system", Energy Sources, Part A: Recovery, Utilization and Environmental Effects, Vol.44, No.4, Sep 2022.  
[IF 2.90, SJR 0.43, H- Index 49]
39. Pritam Kumar Das, "Effect of particle loading and temperature on the rheological behavior of Al<sub>2</sub>O<sub>3</sub> and TiO<sub>2</sub> nanofluids", Energy Sources, Part A: Recovery, Utilization and Environmental Effects, Vol.44, No.3, July 2022.  
[IF 2.90, SJR 0.43, H- Index 49]
40. Prasanth Vaidya, "Digital Watermarking System for Copyright Protection and Authentication of Images Using Cryptographic Techniques", Applied Sciences, Vol.12, No.17, Sep 2022.  
[IF 2.83, SJR 0.51, H- Index 75]

41. S. Pachaiappan, "Displacement-Controlled Nonlinear Analysis of Offshore Platform Topside Under Accidental Loads", Arabian Journal for Science and Engineering, Dec 2022.

[IF 2.80, SJR 0.47, H- Index 50]

42. Shivam Singh, "Design of a broadband dispersion compensated ultra-high nonlinear photonic crystal fiber", Optical and Quantum Electronics, Vol. 54, No.8, July 2022.

[IF 2.79, SJR 0.43, H- Index 62]

43. P.S. Ranjit, "Experimental investigation of carbon nanotube additives on CRDI engine fueled with *Chlorella vulgaris* microalgae methyl ester and bio-ethanol blends: performance, emission and combustion characteristics", Biofuels, Dec 2022.

[IF 2.73, SJR 0.54, H- Index 43]

44. Elumalai P.V, "Influence of Injection Pressure on the Dual-Fuel Mode in CI Engines Fueled with Blends of Ethanol and Tamanu Biodiesel", International Journal of Chemical Engineering, Nov 2022.

[IF 2.72, SJR 0.4, H- Index 29]

45. Elumalai.P.V, "Assessment on Performance and Emission Characteristics of the CRDI Engine Fueled with Ethanol/Diesel Blends in Addition to EGR", International Journal of Chemical Engineering, Oct 2022.

[IF 2.72, SJR 0.4, H- Index 29]

46. D.V.N. Koteswara Rao, "A Compact SWB-CSF Antenna for Millimetre Wave Wireless Applications", Journal of Infrared, Millimeter, and Terahertz Waves, Vol.43, Oct 2022.

[IF 2.64, SJR 0.64, H- Index 62]

47. Pritam Kumar Das, "Experimental and molecular dynamics approach to evaluate the thermo-rheological properties of CuO nanofluids for heat transfer application", Particulate Science and Technology, Oct 2022.

[IF 2.62, SJR 0.37, H- Index 38]

48. M. Kandan, "Quasi oppositional Aquila optimizer-based task scheduling approach in an IoT enabled cloud environment", Journal of Supercomputing, Vol.78, No.7, June 2022

[IF 2.55, SJR 0.73, H- Index 68]

49. G. Suresh, "Logistic-map based fragile image watermarking scheme for tamper detection and localization", Multimedia Tools and Applications, Aug 2022.

[IF 2.57, SJR 0.72, H- Index 80]

50. B Satya Sridevi, "Deep Learning-Based Smart Hybrid Solar Water Heater Erection Model to Extract Maximum Energy", International Journal of Photoenergy, Sep 2022.

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70. Prameela Jyothi, R., Sangeet Kumar, K., Singh, M.K., "Finite Impulse Response Filter Growth and Applications", *Advances in Transdisciplinary Engineering*, Vol.27, PP 13-18, 2022.
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75. Reddy, P.S., Venkatesh, N., Kumar, S., "Analysis of the Use of VR in Medical and Science and Technology" Vol.27, PP 39-44, 2022
76. Nishant, K., Prabha Rani, K., Murthy, K.V.S.R., "Comparative Analysis of Different Topologies of Vienna Rectifier", *Advances in Transdisciplinary Engineering*, Vol.27, PP 163-168, 2022
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79. Krishna, P.L., Varalakshmi, K., Ramachandra Murthy, K.V.S., "Study of Speed Control Aspects of DC Motor", *Advances in Transdisciplinary Engineering*, Vol.27, PP 647-652, 2022.
80. Padma, P.V., Varalakshmi, K., Singh, M.K., "Circuit Analysis of Multilevel Converter for High-Power Applications", *Advances in Transdisciplinary Engineering*, Vol.27, PP 194-199, 2022.
81. Vamsi, V., Lavanya, V.U.P., Kumar, S., "Control of Automatic Voltage Regulator Using Hybrid Optimization Techniques", *Advances in Transdisciplinary Engineering*, Vol.27, PP 323-328, 2022

82. Lakshmi, K.T.S., Kishore, D., Kumar, S., "Analysis of Multiplication Based on Vedic Mathematics", Advances in Transdisciplinary Engineering, Vol.27, PP 623-628, 2022
83. Aishwarya, G.L., Satyanarayana, V., Singh, M.K., Kumar, S., "Contemporary Evolution of Artificial Intelligence (AI): An Overview and Applications", Advances in Transdisciplinary Engineering, Vol.27, PP 130-136, 2022
84. Sree, K.T., Anil Kumar, R., Rama Naidu, G., "A Future Awareness for Healthcare Applications Using Data Mining", Advances in Transdisciplinary Engineering, Vol.27, PP 137-143, 2022
85. Mani Kiran, C.V.N.S., Jagadeesh Babu, B., Singh, M.K., "Study of Different Types of Smart Sensors for IoT Application Sensors", Smart Innovation, Systems and Technologies, Vol.290, PP 101-107, 2022.

#### **National Conferences:**

1. M. Sandra Carmel Sophia, "Cross-Cultural Implications in 'The Scarlet Song' by Mariama Ba", Two-day National Seminar on Andhra Christian College, Guntur, 24-25 June, 2022.

#### **International Journals (UGC Approved)**

1. S. Aruna Kumari, "Biogenic Ag-Ni Bimetallic Nanoparticles from Croton blanfordianum L and their Biological Applications", Journal of Chemical and Pharmaceutical Sciences, Vol.15, No.2, June 2022.
2. S. Aruna Kumari, "Photocatalytic Degradation of Methylene Blue by Biogenic Ag-Cu Bimetallic Nanoparticles", Journal of Chemical and Pharmaceutical Sciences, Vol.15, No.2, June 2022.





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## Minutes of Meeting held on 25/06/2022

Date: 28-06-2022

A meeting to evaluate the progress of strategic goals for the strategic plan 2021-30 was held on 25<sup>th</sup> June, 2022 at 2 PM in the AJIVIKA Conference Hall, Bill Gates Bhavan.

The following members attended the meeting:

S.No	Name	Designation	Signature
1	Dr. M. Sreenivasa Reddy	Principal	
2	Dr. G. Suresh	Dean-Statutory Bodies	
3	Dr. T. Narendrudu	Dean-Administration	
4	Dr. S. Rama Sree	Dean-Academics	
5	Dr. K.V.S.R. Murthy	Dean-R&D	
6	Mr. J. Pavan	Dean-Evaluation	
7	Mr. J.D. Venkatesh	Dean-Student Affairs	
8	Dr. B. Ram Mohan Reddy	HOD-CE	
9	Dr. V. Srinivasa Rao	HOD-EEE	
10	Dr. Pritam Das	HOD-ME	
11	Dr. N. Radha	HOD-ECE	
12	Ms. A. Vanathi	HOD-CSE	
13	Mr. M. Raja babu	HOD-IT	
14	Dr. R. Giri Prasad	HOD-PT	
15	Mr. Satyajeet Parida	HOD-Min.E	
16	Dr. B. Krishna Kanth	HOD-Ag.E	
17	Mr. M. Bala Prabhakar	HOD-H&BS	
18	Dr. Sanjay	HOD-MS	
19	Ms. D. Beulah	HOD-MCA	



## **Minutes and Resolutions:**

### **AEC/Strategic Goal/01: Teaching and Learning**

**Action Plan:** Development of e-content by establishing a media production center.

**Discussion:** Dean Academics informed the members about the e-content developed through media production center of the institute. 5 courses were developed till date and made available in the institute website. Members are also informed about the availability of course content in institute website

**Resolutions:** It is resolved to develop video lectures for few more courses during the semester break.

### **AEC/Strategic Goal/02: Curriculum design**

**Action Plan:** To introduce inter-disciplinary, trans-disciplinary and multi disciplinary programmes

**Discussion:** Dean Academics informed the members that new UG programmes are introduced in the fields of Artificial Intelligence and Machine learning and Data Science.

**Resolutions:** It is resolved to introduce more number of inter-disciplinary courses during the next curriculum revision.

### **AEC/Strategic Goal/03: Infrastructure Expansion**

#### **Action Plan:**

- To construct 2 more buildings to accommodate incubation center, central library and Examination Section.
- To augment advanced laboratory facilities to support research in emerging technologies.
- Adequate infrastructure to become a university.
- To modernize existing classroom facilities into the digital classrooms.

#### **Discussion:**

- Principal informed the members about the progress of the new academic blocks under construction. One academic block is for incubation center and the other will host central library, examination center and classrooms, laboratories for first year B.Tech.
- Members also reviewed the infrastructure requirement to attain university status.
- Members reviewed the progress of NAAC and NBA preparatory works which are required for attaining university status.

**AEC/Strategic Goal/04:** Strengthen research and consultancy activities.

**Action Plan:**

- Minimum 2 publication per faculty a year
- Research training through assignments and field action programs for students
- Enhance industry–institute interaction to pursue consultancy
- MoU's with higher education institutions and industries to facilitate faculty and student exchange programs/internships

**Discussion:**

- Dean R&D presented the statistics related to research publications, research training. A total of 227 research articles were published during the year 2021-22. Of these 51 articles are published in IF journals, 30 in SCOPUS indexed journals and 129 in SCOPUS indexed conferences.
- Members are informed about various consultancy activities carried out during the past two years.
- Members are informed about various activities organized through MOUs with higher learning institutions.

**Resolutions:** It is resolved to encourage all faculty members towards pursuing research and produce quality research articles.

**AEC/Strategic Goal/05:** Faculty development

**Action Plan:** Encouraging and incentivizing faculty to join for Ph.D. programs.

**Discussion:** Dean R&D presented the statistics related to faculty pursuing Ph.D and various incentives offered by the institute to support research.

**Resolutions:** It is resolved to encourage faculty to pursue Ph.D program.

  
**Coordinator**  
**(IQAC)**



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Date:20-06-2022

## CIRCULAR

All the Deans & HODs are hereby informed to attend a review meeting to discuss the progress of strategic goals. In this connection, Deans & HODs are informed to appraise the progress of the strategic goals in the meeting.

The meeting will be held on 25<sup>th</sup> June, 2022 at 2:00 PM in AJIVIKA Conference Hall.

  
PRINCIPAL

To

All the Deans & HODs to comply with





# ADITYA ENGINEERING COLLEGE

Aditya Nagar, ADB Road, Surampalem

## Consultancy Activities (2021-22)

Name of the teacher-consultants	Name of consultancy project/corporate training program	Consulting/Sponsoring agency with contact details	Revenue generated (INR in Lakhs)
P. Ravi Kishore and Dr. B. Ramamohana Reddy	NDT of an old building	BHAIRAVI Engineering, P. No-31, SY 145/B, S S Colony, Vasanth Nagar, Kukatpally, Medchal-Malkajgiri, Telangana-500072.	1.5
Dr. B. Ramamohana Reddy	Testing of concrete cubes	Devi Sea foods, Peddapuram	0.2
P. Lakshmi	Testing of ground water	UltraTech cements limited, Rajahmundry	0.15
Dr. S. Anandha Kumar	Soil Testing	Government of Andhra Pradesh, kakinada	1.42
Dr.K.Anand Kumar	SBTET,EAMCET	AP Online	13.15
A.Vanathi	Development & Deployment of Student Feedback Software	Aditya Jr.College,Bhimavaram	0.25
Mr. P. Ravi Kishore	-	Sreshta Engineers	NDT Testing of old building
Mr. P. Ravi Kishore	National Accreditation Board for Testing and Calibration Laboratories (NABL)	N. Sambasiva Rao	N. Sambasiva Rao

  
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## Collaboration Activities

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1	Faculty Training at EPAM centre	EPAM Systems India Private Ltd	M.Kalyan ram	2021-22	90days	Faculty Training
2	Webinar on Opportunities and Challenges after Engineering	Unacademy	ECE	2021-22	1day	Webinar
3	Online Certification on Python Programming	Unacademy	T.Raj kumar	2021-22	15days	Certification
4	Industrial Visit	Krify Software technologies (p) Ltd,	CSE	2021-22	1day	Industrial Visit
5	Internship on Android	Krify Software technologies (p) Ltd,	C.M.Priya	2021-22	38days	Internship
6	Internship on IOT	Appleton Innovations Ltd.	M.Gowtham	2021-22	25 days	Internship
7	Industrial Internship	Center of excellence in maritime and ship building	T.Hari Teja	2021-22	30 days	Internship
8	Workshop on Transfer and Infringement of patent rights	Addis Ababa Science and technology university	IT	2021-22	1day	workshop
9	Internship on Advanced certification on Emerging Technologies	APSSDC & European center for mechatronic APS GmbH Aachen,Germany	M.Anitha soni	2021-22	138days	Internship
10	Internship on Google sketch	Shrestha Engineers	B.kalki	2021-22	22days	Internship
11	Training on Robotics Process Automation	Automation Anywhere	k.Siva prasad	2021-22	60days	Training
12	Faculty Training on AWS	Hexaware Technologies (p) ltd	H.Gautham	2021-22	15days	Faculty Training
13	Workshop on Recent development in IPR	Novel Patent Services Pvt Ltd	Mech	2021-22	1day	workshop
14	Training on Auto CAD	AP State Skill development Corporation(3D)	P.Thakur	2021-22	30days	Training
15	Training on PLC	AP State Skill development Corporation(Siemens Project)	C.Tejaswini	2021-22	2days	Training
16	Internship on IoT	AP State Skill development Corporation	D.Lokesh	2021-22	30days	Internship
17	Webinar on Python Programming	Younify Applications Private Limited	K.Surendra	2021-22	3days	Webinar
18	Training on The Life Cycle of a Software	AP State Skill development Corporation	D.naveen	2021-22	24days	Training
19	Guest lecture on Research Methodology	Gokaraju Rangaraju Institute of Engineering & Technology	MINING	2021-22	1day	Guest lecture
20	Workshop on Entrepreneurship development	EVB Tecnologies.Rajahmundry.	Mech	2021-22	1day	workshop

21	Workshop on Format of Research Proposal	Bule Hora University	PT	2021-22	1day	workshop
22	Industrial visit	Electro Pro	ECE	2021-22	1day	Industrial visit
23	Faculty Training	Tessolve Semi-conductor Pvt Ltd	ECE	2021-22	5days	Training
24	Training Programme on Digital Design using candense tool	Tessolve Semi-conductor Pvt Ltd	ECE	2021-22	5days	Training
25	Awareness programme on Higher Studies in Abroad	Fly Masters	ECE	2021-22	1day	seminar
26	Internship	Manihamsa power projects Ltd.	Mech	2021-22	15 days	Internship
27	Guest lecture on Gate preparation	T.I.M.E Pvt. Ltd, INDIA	Mining	2021-22	1day	Guest lecture
28	Workshop on Effective literature studies approaches	Matoshri pratisthan's school of Engineering nanded	EEE	2021-22	1day	workshop

*Su. Guy*

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## List of Collaborative Activities during the A.Y. 2021-22

S. No	Name of the organization	Number of Activities	Nature of activity
1	EPAM Systems India Private Ltd	1	Faculty Training
2	Unacademy	2	Certification Webinar
3	Krify Software technologies (p) Ltd	2	Industrial Visit Internship
4	Appleton Innovations	1	Internship
5	Center of excellence in maritime and ship building	1	Internship
6	Addis Ababa Science and technology university	1	Workshop
7	APSSDC & European center for mechatronic APS GmbH Aachen, Germany	1	Training
8	Shresta Engineers	1	Internship
9	Automation Anywhere	1	Training
10	AP State Skill development Corporation	2	Training Internship
11	Younify Applications Pvt Ltd	1	Webinar
12	AP State Skill development Corporation	1	Training
13	AP State Skill development Corporation	1	Training
14	Hexaware Technologies Ltd	1	Faculty Training
15	Novel Patent Services, Hyderabad	1	workshop
16	Gokaraju Rangaraju Institute of Engineering & Technology	1	Guest lecture
17	EVB technologies	1	Workshop
18	Bule Hora University, Oromia, Ethiopia	1	Workshop
19	Electro Pro	1	Industrial visit
20	Tessolve Semi-conductor Pvt Ltd	2	Training Faculty training
21	Fly Masters	1	seminar
22	Manihamsa power projects Ltd.	1	Internship
23	Time Pvt Ltd	1	Seminar
24	Matoshri pratisthan's school of Engineering nanded	1	workshop
Total number of collaborative activities		28	

  
Principal

Aditya Engineering College  
SURAMPALEM



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## Summary of Workshops/Seminars conducted on Research Methodology and Intellectual Property Rights (IPR) during the year 2021-22

S.No	Topic	Name of the Department	Name of the Workshop	Name of the Resource person	Number of Participants
1	RM	Min.E	Fundamentals of Writing Research Articles	Dr. Shashwati Ray	83
2		CSE	Workshop on Choosing a Research Topic	Dr. Raja Rao PBV	60
3		ECE	Workshop on Writing Effective Research Proposals	Dr. Mahesh Miriyala	44
4		ME	Workshop on Writing Research Report	Dr. Babu Rao Thella	82
5		PT	Workshop on Format of research proposal	Dr. Selvaraj Manickam	46
6		EEE	Workshop on Effective literature studies approaches	Mr. Mudhol D. V.	59
1	IPR	IT	Workshop on Transfer and Infringement of Patent Rights	Dr.Abebe Dinkuc	58
2		ECE	Workshop on IPR: Trade Marks	Mr. Nettimi Satya Sai Srinivas	47
3		CSE	Workshop on Emerging Issues in IPR	Mr. K. Krishna Reddy	53
4		ME	Workshop on New Developments in IPR	Mr. Subbaramareddy Idamkanti	66
5		CE	Workshop on Intellectual Property Management and Rights	Dr. Sujatha Evangelin Ramani	39

*KVS RM*

Convenor  
(Research Advisory Committee)

*[Signature]*  
Principal

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# ADITYA ENGINEERING COLLEGE (A)

## Papers published by Faculty in Journals/Conferences

Academic Year - 2021-22

International Journals (With Impact Factor)	51
International Journals (Scopus)	30
Scopus Indexed International Conferences	129
Web of Science Journals	05
International Journals (UGC)	06
National Conferences	06
<b>Total</b>	<b>227</b>

### International Journal: (With Impact Factor)

1. P.S.Ranjit, "Direct utilization of preheated deep fried oil in an indirect injection compression ignition engine with waste heat recovery framework", Energy, Vol.242, Jan 2022.  
[IF 8.85, SJR 1.96, H- Index 193]  
<https://www.sciencedirect.com/science/article/abs/pii/S0360544221031595>
2. G.Ganesh, "Correlation study of antioxidant activity with phenolic and flavonoid compounds in 12 indonesian indigenous herbs", Antioxidants, Vol.10., No.10, Oct 2021.  
[IF 7.67, SJR 1.07, H- Index 46]  
[https://www.mdpi.com/2076-3921/10/10/1530?cf\\_chl\\_managed\\_tk=rPTgSgfdSHTFC\\_Dih\\_kuGFthLWEj4zfYUqHXtKmy9H4-1641789663-0-gaNycGzNCJE](https://www.mdpi.com/2076-3921/10/10/1530?cf_chl_managed_tk=rPTgSgfdSHTFC_Dih_kuGFthLWEj4zfYUqHXtKmy9H4-1641789663-0-gaNycGzNCJE)
3. S.Ramasree, "Performance evaluation of artificial neural networks in sustainable modelling biodiesel synthesis", Sustainable Energy Technologies and Assessments, Vol.52, Feb 2022.  
[IF 7.63, SJR 1.04, H- Index 39]  
<https://www.sciencedirect.com/science/article/abs/pii/S2213138822001503>
4. K. Bapayya Naidu, "Design of MFA-PSO based fractional order PID controller for effective torque controlled BLDC motor", Sustainable Energy Technologies and Assessments Vol.49, April 2022.  
[IF 7.63, SJR 1.04, H- Index 39]  
<https://www.sciencedirect.com/science/article/pii/S2213138821006585>



5. G.Jaswanth, “ Probabilistic demand models and performance-based fragility estimates for concrete protective structures subjected to missile impact”, Reliability Engineering and System Safety, Vol.223, April-2022.

[IF 7.24, SJR 1.76, H- Index 146]

<https://www.sciencedirect.com/science/article/abs/pii/S0951832022001582>

6. Elumalai. P.V, “Role of hydrogen in improving performance and emission characteristics of homogeneous charge compression ignition engine fueled with graphite oxide nanoparticle-added microalgae biodiesel/diesel blends”, International Journal of Hydrogen Energy, Sep 2021.

[IF 7.13, SJR 1.21, H- Index 215]

<https://www.sciencedirect.com/science/article/abs/pii/S0360319921033024>

7. P.V.Elumalai, “Performance comparison of empirical model and Particle Swarm Optimization & its boiling point prediction models for waste sunflower oil biodiesel”, Case Studies in Thermal Engineering, Vol.33, May 2022.

[IF 6.26, SJR 0.9, H- Index 47]

<https://www.sciencedirect.com/science/article/pii/S2214157X22001939>

8. M. Aswini Kumar, “An Efficient Sorting Algorithm for Capacitor Voltage Balance of Modular Multilevel Converter With Space Vector Pulsewidth Modulation”, IEEE Transactions on Power Electronics, Vol.37, No.8, May 2022.

[IF.5.96, SJR 3.34, H- Index 285]

<https://ieeexplore.ieee.org/document/9738464>

9. B. Ramamohana Reddy, “Influence of steel and PP fibers on mechanical and microstructural properties of fly ash-GGBFS based geopolymer composites”, Ceramics International, Dec 2021.

[IF 5.53, SJR 0.94, H- Index 110]

<https://www.sciencedirect.com/science/article/pii/S0272884221036555>

10. Elumalai. P.V, “Effect of injection timing in reducing the harmful pollutants emitted from CI engine using N-butanol antioxidant blended eco-friendly Mahua biodiesel”, Energy Reports, Nov 2021.

[IF 4.93, SJR 1.2, H- Index 33]

<https://www.sciencedirect.com/science/article/pii/S2352484721008337>

11. Sandip Kunar, “Micro-electrochemical jet machining of large area microtexturing with tool movement strategy”, Materials and Manufacturing Process, July 2021.

[IF 4.78, SJR 0.91, H- Index 66]

<https://www.tandfonline.com/doi/full/10.1080/10426914.2021.1962535>

12. Elumalai. P.V, "Effects of on MnO<sub>2</sub> nanoparticles behavior of a sardine oil methyl ester operated in thermal barrier coated engine", Journal of Thermal Analysis and Calorimetry, Jan 2022.

[IF 4.75, SJR 0.52, H- Index 92]

<https://link.springer.com/article/10.1007/s10973-021-11132-3>

13. Pritam Kumar Das, "Experimental investigation for stability and surface properties of TiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> water-based nano fluids", Journal of Thermal Analysis and Calorimetry, June 2021.

[IF 4.75, SJR 0.52, H- Index 92]

<https://link.springer.com/article/10.1007/s10973-021-10894-0>

14. P.V. Elumalai, "The effect of thermal degradation and thermogravimetric analysis on pyrolysis oil production from waste milk packet for CI engine application, Journal of Thermal Analysis and Calorimetry, April 2022.

[IF 4.75, SJR 0.52, H- Index 92]

15. S.B.G.Tilak Babu, "An optimized technique for copy-move forgery localization using statistical features", ICT Express, Jan 2022.

[IF 4.75, SJR 0.73, H- Index 22]

<https://www.sciencedirect.com/science/article/pii/S2405959521001065>

16. Elumalai. P.V, "Influence of cobalt chromium nanoparticles in homogeneous charge compression ignition engine operated with citronella oil", Energy Science and Engineering, Mar 2022.

[IF 4.03, SJR 0.64, H- Index 29]

<https://onlinelibrary.wiley.com/doi/10.1002/ese3.1088>

17. P.V.Elumalai, "Artificial neural networks model for predicting the behavior of different injection pressure characteristics powered by blend of biofuel-nano emulsion", Energy Science and Engineering, May 2022.

[IF4.03, SJR 0.69, H- Index 37]

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/ese3.1144>

18. P.V.Elumalai, "Experimental based comparative exergy analysis of a spark-ignition Honda GX270 Genset engine fueled with LPG and syngas", Energy Science and Engineering, May 2022.

[IF4.03, SJR 0.69, H- Index 37]

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/ese3.1125>

19. K. Bapayya Naidu, "Autonomous detection of malevolent nodes using secure heterogeneous cluster protocol", Computers and Electrical Engineering, Vol.100, Mar 2022.  
[IF 3.8, SJR 0.63, H- Index 64]  
<https://www.sciencedirect.com/science/article/abs/pii/S0045790622001872>
20. K. L. Kishore, "Production, Characterization, and Antimicrobial Activity of Pigment from Streptomyces Species", Journal of Nanomaterials, May 2022.  
[IF 3.79, SJR 0.52, H- Index 77]  
<https://dl.acm.org/doi/abs/10.1155/2022/4392371>
21. N. Nagabhooshanam, "Investigations of Nanoparticles (Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>) Addition on the Mechanical Properties of Blended Matrix Polymer Composite", Journal of Nanomaterials, Jan 2022.  
[IF 3.79, SJR 0.52, H- Index 77]  
<https://link.springer.com/article/10.1007/s13762-021-03721-4>
22. Anandha Kumar, "Assessing the potential of xanthan gum to modify in-situ soil as baselinesrs for landfills", International Journal of Environmental Science and Techology, Oct 2021.  
[IF 3.51, SJR 0.51, H- Index 75]  
<https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.4497>
23. M. Vamsi Krishna, "Health monitoring jeopardy prophylaxis model based on machine learning in fog computing", Transactions on Emerging Telecommunications Technologies, April-2022.  
[IF 3.31, SJR 1.04, H- Index 39]  
<https://link.springer.com/article/10.1007/s10661-021-09644-4>
24. S.Anandha Kumar, "Understanding the microstructure, mineralogical and adsorption characteristics of guar gum blended soil as a liner material", Environmental Monitoring and Assessment, Vol.193, No.12, Dec 2021.  
[IF 3.30, SJR 0.59, H- Index 109]  
<https://ieeexplore.ieee.org/document/9426945>
25. Girija Shankar Sahoo, "Electrical, Optical, and Reliability Analysis of QD- Embedded Kesterite Solar Cell", IEEE Transactions on Electron Devices, June2021,  
[IF 3.22, SJR 0.83, H- Index 186]  
<https://ieeexplore.ieee.org/document/9426945>



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44. S. Prasanth Vaida, "Adaptive Blind Color Image Watermarking Approach using BRISKFeatures Based on CT and CNN", IEEE Conference on IoT for Rural healthcare (CIRH 2021), Vignan's University, 16-18 Dec 2021.
45. J.Pavan, "Design of wireless gas monitoring technology for underground coal mines", International Conference on Advances in Computer Engineering and Communication Technology (ICACET-2021), Aditya College of Engineering & Technology, 22-23 Oct 2021.
46. Satyajee Parida, "Prediction of Blast Induced Ground Vibration by Artificial neural Network", International Conference on Emerging Research in Civil, Aeronautical and Mechanical Engineering (ERCAM 2021), Nitte Meenakshi Institute of Technology (NMIT), 16-17 Dec 2021.
47. S.Rama Sree, "A Comparative study on a Disease Prediction System using Machine Learning Algorithms", 3<sup>rd</sup> International Conference on Artificial Intelligence and Speech Technology, Indira Gandhi Delhi university, 12-13 Nov 2021.
48. B.R.S.S.Raju, "Identification of Brain Tumor with the help of Convolution NeuralNetworks", 3<sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR 2021), Institute For Engineering Research and Publication, 25-26 Nov 2021.
49. Yashu Swami, "Analysis of a proposed efficient Nano-DG-TFET for Ultra Low Power Applications", International Conference on Nanotechnology and Engineering Material Science and Engineering, National Cheng kung University, Taiwan, 15-16 Nov 2021.
50. M.Zubairuddin, "Thermal analysis of laser welding of grade 91 steel", International Conference on Engineering Material, Metallurgy and Manufacturing, SSN College of Engineering, Chennai, 16-17 Dec 2021.
51. M.Kalyan Ram, "A Comprehensive Analysis of Prediction of P-Glycoprotein in Tumour Cells, Breast Cancer and Ovarian Cancer sing Machine Learning", 5<sup>th</sup> International Conference on Electronics, Communication and Aerospace Technology (ICECA-2021), RVS Technical Campus, Coimbatore, 2-4 Dec 2021.
52. A.S.S.Sitaram Murthy, "Performace and Emission Characteristics of lemon seed oil blended with hydrogen in CI Engine", International Conference on Alternative Fuels and Electrical Vehicles, Alard College of Engineering, Pune, 9-10 Dec 2021.
53. S.Anjani Devi, "Experimental Investigation on Neem oil water emulsion in Thermal Barrier Coating Engine", International Conference on Alternative Fuels and Electrical Vehicles, Alard College of Engineering, Pune, 9-10 Dec 2021.
54. Sartaj Patel, "Performace and Emission Characteristics of Palm oil blended with hydrogen in CI Engine", International Conference on Alternative Fuels and Electrical Vehicles, Alard College of Engineering, Pune, 9-10 Dec 2021.
55. S.B.G.Tilak Babu, "A Review on Multi-Model Medical Image Fusion Methods", International Conference on Advancement in Computation and Computer Technologies( ICACCT-2021), Chandigarh university, Gharuan, 30-31 Oct 2021.
56. S.B.G.Tilak Babu, "IoT Assisted RFID based Toll Booth Handing System using Systematic Scanning", The 2<sup>nd</sup> International Conference on Emerging Trends in Materials, Computing and Communication Technologies (ICETMCCT-2021), Annai Vailankanni College, 9-10 Dec 2021.

57. G.Aparna, "Smart Attendance with Real Time Face Recognition", 6<sup>th</sup> International Conference on Inventive Systems and Control (ICISC-2022), JCT College of Engineering, 6-7, Jan 2022.
58. M.Kalyanaram, "Real-Time Implementation of CNN Based Face Mask Detection: A Method to Diminish the Risk of Covid-19", 3<sup>rd</sup> International Conference on Advances in Distributed Computing and Machine Learning, NIT-Warangal, 15-16, Jan 2022.
59. A.Phani Sridhar, "Big data in Internet of Things Health Care: A Bibliometric Survey", International Conference on Research and Innovation in Science, Technology and management (ICRISTM-22), BEST IU, Anantapur, 7-8 Jan 2022.
60. Varalakshmi, Koneti, BVVL Kala Bharathi, and Tata Himaja. "Study of Soft-Starter based Induction Generator for Wind Energy Conversion System," 2021 Asian Conference on Innovation in Technology (ASIANCON), pp. 1-4. IEEE, 2021.  
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65. Aktharun, S. Bhanu, and M. S. R. Sekhar. "Design of unmanned aerial vehicles for various wireless applications." Materials Today: Proceedings (2021), CAME-2021, Volume 51, Part 1, Pages 1115-1119.  
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79. Pritam Kumar Das, "Numerical Simulation for Heat Transfer Enhancement of  $\text{ZnFe}_2\text{O}_4/\text{Water}$  Hybrid Nanofluid", *3<sup>rd</sup> International Conference on Mechanical, Materials and Renewable Energy*, 2022, Sikkim Manipal Institute of Technology, 11 to 12 Feb 2022.
80. M.Venkatesh, "An Efficient IoT Security Solution using Deep Learning Mechanisms", DST SERB Sponsored International Conference on Data Science, Intelligent Computing and Cyber Scurity, Sri Vidyanikethan Tirupathi, 29-30, Dec 2021.
81. G.Vishnu Vardhan, "Performance Evaluation on Fully Quadrature Spatial Modulation under Various Channel Fading Scenarios", *2<sup>nd</sup> IEEE International Conference on Artificial Intelligence and Signal processing*, VIT-AP University, 12-14, Feb 2022.
82. Sandip Kunar, "Maskless Electrochemical Microtexturing", *3<sup>rd</sup> International Conference on Mechanical Materials and Renewable Energy*, Sikkim Manipal Technology, 11-12, Feb 2022.
83. Sandip Kunar, "Fuzzy-based Modeling for Prediction of Machining Performance Measures for Micro-EDM Process", *3<sup>rd</sup> International Conference on Mechanical Materials and Renewable Energy*, Sikkim Manipal Technology, 11-12, Feb 2022.
84. Zeeshan Ahmad, "Comparision of different machine learning methods for predictive modelling of  $\text{Al}_2\text{O}_3\text{-CO}_2$  nanofluid transport properties", *International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences*. Institute of Infrastructure Technology Research and Management, Ahmedabad, 20-21, Jan 2022.
85. Zeeshan Ahmad, "Effect of temperature, volume fraction and nanoparticle diameter on thermal conductivity and viscosity of  $\text{Al}_2\text{O}_3\text{-CO}_2$  nanofluid", *International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences*. Institute of Infrastructure Technology Research and Management, Ahmedabad, 20-21, Jan 2022.

86. A.Phani Sridhar, "Driving Decision Strategy Using Machine Learning Algorithms for Autonomous Vehicles", 13<sup>th</sup> International Conference on Advances in Power Electronics and Instrumentation Engineering, Bengaluru, 27-28, Jan 2022
87. Girija Shankar Sahoo, "Extensive Study on Effects of Defects in CZTS/CZTSe Quantum Dots Kesterite Solar Cells", 2021 IEEE 16th Nanotechnology Materials and Devices Conference, NMDC 2021, 12-15 Dec 2021.
88. N.R.Dhinesh Babu, "Analysis of Inset Feed Microstrip Patch Antenna on Flexible (PVA/CMC/AV) Substrate", International Conference on Recent Advances in Engineering Materials, Alva's College, Moodbidri, 3-5 Mar 2022
89. Prasanth Vaidya, "Web Book Recommendation System based on Collaborative Filtering and Association mining", 7<sup>th</sup> International Conference on Information System Design and Intelligent Applications, BVRIT College, Hyderabad, 25-26 Feb 2022.
90. Sandip Kunar, "Rice Husk Ash Reinforced Aluminium Metal Matrix Composites: A Review", International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences, KPR College, Coimbatore, 25-25 Mar 2022.
91. Sandip Kunar, "Analysis of Micro surface Characteristics during Micro electrochemical Texturing on Stainless Steel", International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences, KPR College, Coimbatore, 25-25 Mar 2022.
92. Sandip Kunar, "A Study on Various Applications of Aluminium Metal Matrix Composites", International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences, KPR College, Coimbatore, 25-25 Mar 2022.
93. A. Phani Sridhar, "Motor Vehicle Alert System in On-Campus Environments; Omniscient Vehicle Sensor", 7<sup>th</sup> International Conference on Information System Design and Intelligent Applications, BVRIT College, Hyderabad, 25-26 Feb 2022.
94. G. Jyothirmai, "Comparative Analysis of Drowsiness Detection Using Deep Learning Techniques", International Conference on Computer Communication and Informatics, Sri Shakthi College, Coimbatore, 25-27, Jan 2022.
95. G. Jyothirmai, "Performance Analysis of Deep learning Techniques Based Brain Tumor Segmentation", International Conference on Computer Communication and Informatics, Sri Shakthi College, Coimbatore, 25-27, Jan 2022.
96. G. Jyothirmai, "T1 w MRI Brain Tumor Image Segmentation using Active Contour Models and Convolution Neural Network Fusion", 6<sup>th</sup> International Conference on Recent Trends on Electronics, Information, Communication & Technology, Sri Venkateswara College, Bengaluru, 27-28, Aug 2021.
97. A. Lakshmanarao, "An Efficient Mouse Tracking System Using Facial Gestures", International Conference on Advanced Computing & Communication Systems, Sri Eshwar College, Coimbatore, 25-26, Mar 2022.



98. A. Lakshmanarao, "Twitter Sentiment Classification with Deep Learning LSTM for Airline Tweets", International Conference on Advanced Computing & Communication Systems, Sri Eshwar College, Coimbatore, 25-26, Mar 2022.
99. A. Lakshmanarao, "Machine Learning and Deep Learning framework with Feature Selection for Intrusion Detection", International Conference on Communication, Computing & Internet of things, Sai Ram College, Tambaram, 10-11, Mar 2022.
100. P. Bujjibabu, "An efficient Pulse Doppler Radar block level modeling with Xilinx System Generator", 2<sup>nd</sup> IEEE International Conference on Artificial intelligence and Signal Processing, VIT-AP University, 12-14, Feb 2022.
101. N. Sivakumar, "IOT Based Smart Trash Collection with Swachh Survekshan", 7<sup>th</sup> International Conference on Information System Design and Intelligent Applications, BVRIT College, Hyderabad, 25-26 Feb 2022.
102. S. Anjani Devi, "Influence of Swirling Groove Shapes on a Biofueled Diesel Engine's Performance Emission and Combustion", 3<sup>rd</sup> International Conference on Computing in Mechanical Engineering, SSET College, Ernakulam, 22-24, Sep 2021.
103. K. Bapayya Naidu, Maximum Power Point Tracking for Photovoltaic Brushless DC Motor Connected Water Pumping System Based on GBDT-BOA Technique, 2<sup>nd</sup> IEEE International Power and Renewable Energy Conference, Kollam, 24-26 Sep 2021.
104. P. V. Elumalai, "Experimental investigation of friction stir welding on aluminium AA6063", International Conference on Advances in Design, Materials and Manufacturing.
105. N. R. Dhinesh Babu, "Effect of Advanced Injection Timing Strategies on Combustion, Performance and Pollutant Emission Parameters in a Diesel Engine using Diesel-Gasoline Fuel Blends", 5<sup>th</sup> International Conference on Alternative Fuels, Energy and Environment, Erciyes University, Kayseri, Turkey, 15-18, Oct 2022.
106. Sandip Kumar, "Micropatterning on stainless steel surface using electrochemical micromachining" International Conference on Advances in Materials, Mechanics, Mechatronics and Manufacturing, Educational Empowerment & Social Welfare, 9-10, April 2022.
107. P. V. Elumalai, "Effects of Hybrid Nanoparticle in Premixed Charge Compression Ignition Engine (PCCI) Powdered by Waste Tyre Oil", 5<sup>th</sup> International Conference on Alternative Fuels, Energy and Environment, Erciyes University, Kayseri, Turkey, 15-18, Oct 2022.
108. P. V. Elumalai, "Experimental investigation on Performance and Emission Characterize of DI Diesel Engine Powered with Coconut Shell Oil", 5<sup>th</sup> International Conference on Alternative Fuels, Energy and Environment, Erciyes University, Kayseri, Turkey, 15-18, Oct 2022.
109. A. Kalyan Chakravarthy, "A Comprehensive Analysis on Mobile Edge Computing Joint Offloading and Resource Allocation Perspective", 2<sup>nd</sup> International Conference on Machine Learning and Big Data Analytics, IIT, Patna, 29-30, Mar 2022.
110. M. Sandra Carmel Sophia, "Intersectionality of Religion and Calamities", International Conference on Calamity and Catastrophe in World Literature in English, Andhra University, Visakhapatnam, 28-29, Mar 2022.



111. A. Lakshmanarao, "Plant Disease Prediction using Transfer Learning Techniques", 2<sup>nd</sup> IEEE International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, Shri Shankaracharya Technical Campus, Bhilai, 21-22 April 2022.
112. G. Jyothirmmai, "Execution Analysis of Machine Learning Technique Based Detection and Classification of Brain Tumor from MRI images", 1<sup>st</sup> International Conference on Electrical, Electronics, Information and Communication Technologies, Trichy, 16-18 Feb 2022.
113. Zubairuddin, "Thermal Analysis of Laser Welding of 304L Austenitic Stainless Steel", International Conference on Advancements in Interdisciplinary Research, MNNIT, Allahabad, 6-7 May 2022.
114. Sandip Kunar, "Micropatterning using Maskless Electrochemical Micromachining", International Conference on Materials Science and Sustainable Manufacturing Technology, Coimbatore, 20-21<sup>st</sup> May 2022.
115. Sumit M. Choudhary, "Sustainable utilization of waste slag aggregates as replacement of coarse aggregates in concrete", 3<sup>rd</sup> International Conference on Recent Advances in Materials and Manufacturing, DY Patil College, Kolhapur, 25-26 Nov 2021
116. K. Rambabu, "Exhibiting the Effect of AVR Coupling on the Performance of LFC in Multi Area Hybrid Power System", 3<sup>rd</sup> International Conference on Emerging Technologies, Jain College of Engineering, Belgaum, 27-29 May 2022.
117. N. R. Dhinesh Babu, "Piezoelectric Energy Harvester in IoT: a Recent Highlights of Bibliometric Analysis", International Symposium on Energy Management and Sustainability (ISEMAS) 2022, Thomas More University, Belgium, 5-9 April 2022.
118. P.V. Elumalai, "Assessment of Engine Characteristics of Diesel Engine Fuelled with Graphene Nano Additive Doped Syzgium Cumini Biodiesel Blends", International Symposium on Energy Management and Sustainability (ISEMAS) 2022, Thomas More University, Belgium, 5-9 April 2022.
119. P.V. Elumalai, "Experimental Studies on Compression Ignition Engine Operated with Blends of Tamanu Biodiesel and Diesel", International Symposium on Energy Management and Sustainability (ISEMAS) 2022, Thomas More University, Belgium, 5-9 April 2022.
120. Kiran, KS Santhoshi, V. Preethi, and Sanjeev Kumar. "A brief review of organic solar cells and materials involved in its fabrication." *Materials Today: Proceedings* (2022)
121. Sai, M. V., and G. Rama Naidu. "A Short Study on IoT-Based Cellular Network." In *Proceedings of Second International Conference in Mechanical and Energy Technology*, pp. 315-321. Springer, Singapore, 2023.
122. Sai Achyuth, Pydipalli, and Vella Satyanarayana. "Image Forgery Detection Techniques: A Brief Review." In *Proceedings of Second International Conference in Mechanical and Energy Technology*, pp. 351-357. Springer, Singapore, 2023.Scopus (AEC)

123. Teja, V. Madhava Sai, B. Sai, G. Veerapandu, and Mahesh K. Singh. "A Comparative Study of Different IOT Sensors." In Proceedings of Second International Conference in Mechanical and Energy Technology: ICMET 2021, India, vol. 290, p. 53. Springer Nature, 2022.Scopus (AEC)
124. Ch. V. Sivaram Prasad, "Analysis of IoT Cloud Security Computerization Technology Based on Artificial Intelligence", 3<sup>rd</sup> International Conference on Image Processing and Capsule Network, Dayesh University, Taiwan, 20-21 May 2022.
125. V.S.N.Ch. Dattu, "Analyzing the Performance of Combined Solar Photovoltaic Power System with Phase Change Material", Conference on Technologies and Materials for Renewable Energy, Environment and Sustainability, Metz, France, 2-4, March 2022.
126. V.S.N.Ch. Dattu, "Triangular and single slope solar stills: Performance and yield studies with different water mass", 7th International Conference on Advances on Clean Energy Research, Barcelona, Spain, 20-22, April 2022.
127. V.S.N.Ch. Dattu, "Optimization of transesterification production of biodiesel from pithecellobium dulce seed oil", 7th International Conference on Advances on Clean Energy Research, Barcelona, Spain, 20-22, April 2022.
128. V.S.N.Ch. Dattu, "Experimentally investigating the influence of static mixers on the performance of a solar water heater", International Conference on Design, Manufacturing and Materials Engineering, Materials Today Proceedings, Jan 2022.
129. V.S.N.Ch. Dattu, "Mechanical Characterization of polymer composite reinforced with Bio-fillers", Materials Today Proceedings, Jan 2022

#### **National Conferences:**

1. M.Sandra Carmel Sophia, "Redefining and Envisioning Women's Writing in Literature", A two day National Seminar on Trends, Issues and Challenges in English Language and Literature, Andhra Loyola College, 17-18 Jan 2022.
2. M. Sandra Carmel Sophia, "Double Consciousness in Monica Ali's in the Kitchen", National Seminar on Diaspora Literature: problems and Perspectives, Annamalai University, Tamilnadu, 7-9 Mar 2022.
3. G. Chinna Ram, "Effect of Modifier on Spectroscopic Properties of Lead Bismuth Phosphate Glass System Mixed with Neodymium (III) Oxide", 65th DAE Solid State Physics Symposium, BARC, Mumbai, 15-19, Dec 2021.
4. P.Satish, "Effect of Hall currents on MHD two-ionized slip flow between parallel plates in a rotating system", 66<sup>th</sup> Congress of the Indian Society of Theoretical and Applied Mechanics (ISTAM), VIT-AP University, 3-5 Dec 2021.



5. J. Suma, "Global Trauma in Meena Alexander's Writings", National Seminar on Diaspora Literature: problems and Perspectives, Annamalai University, Tamilnadu, 7-9 Mar 2022.
6. J. Suma, "Culture Conflict in Attia Hosain's Sunlight on a Broken Column, A two day National Seminar on Trends, Issues and Challenges in English Language and Literature, Andhra Loyola College, 17-18 Jan 2022.

#### **Web of Science Journals, 2021-22**

1. B. Rambabu, "Developing proficiency skills in rural Indian students, strategies for improving speaking skills", International Journal of Aquatic Science, Vol.12, No.2, June 2021.
2. B. Rambabu, "The problems faced by the rural students in conversing in English and proposed solutions to develop their communication skills", International Journal of Aquatic Science, Vol.12, No.2, June 2021.
3. M.Sandra Carmel Sophia, "A Study of Purdah System in Ismat Chughtai's the Crooked Line", Journal of Natural Remedies, Vol.22, No.1, Oct 2021.
4. M. Sandra Carmel Sophia, "Equalizing Inequalities of Gender through Education analysis of Kamala Bhasin's poem 'BECAUSE I AM A GIRL, I MUST STUDY'", International Journal of Special Education, Vol.37, No.3, Mar 2022.
5. V. Suryanarayana, "Isolation and Characterization of Diesel Oil-Degrading Pseudomonas aeruginosa", Asian Journal of Pharmaceutics, Vol.15, No.4, April 2021.

#### **International Journals (UGC Approved)**

1. M. Bala Prabhakar, "Semi Maximal Ideals of BE-Algebras", I-Manager's Journal on Mathematics, Vol.9, No.2, June 2021.
2. V.Venkata Kumar, "Filters of Commutative BE-Algebras", I-Manager's Journal of Mathematics, Vol.9, No.2, July 2021.
3. M.Sandra Carmel Sophia, "Journey Motif in Anees Jung's Olives from Jericho", LangLit: An International Peer-Reviewed Open Access Journal, Vol.8, No.2, Jan 2022.
4. V.Jayasri Suma, "Appreciation of "Morning Bells" by Jayashree Mohanraj", Journal of Emerging Technologies and Innovative Research, Vol.8, No.7, Jan 2022.
5. M.Sandra Carmel Sophia, "Female Empowerment Through Ecological Restoration and Preservation (Analysis of Wangari Maathai's Unbowed), Elementary Education Online, Vol.20, No.5, Aug 2021.
6. M.Sandra Carmel Sophia, "Creating Awareness and Importance of 'English' For Students Hailing From Rural Areas", Annals of the Romanian Society for Cell Biology, Vol.25, No.4, Aug 2021



# All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2021-22

### Extension of Approval (EoA)

F.No. South-Central/1-9321740184/2021/EOA

Date: 10-Jul-2021

To,

The Principal Secretary  
(Higher Education) Govt. of Andhra Pradesh,  
J Block, 4th Floor, Secretariat Building,  
Hyderabad-500022

**Sub: Extension of Approval for the Academic Year 2021-22**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1<sup>st</sup> Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-2504741	<b>Application Id</b>	1-9321740184
<b>Name of the Institution /University</b>	ADITYA ENGINEERING COLLEGE	<b>Name of the Society/Trust</b>	ADITYA ACADEMY
<b>Institution /University Address</b>	ADITYA ENGINEERING COLLEGE ADITYA NAGAR, ADB ROAD, SURAMPALEM, GANDEPALLI MANDAL, EAST GODAVARI DISTRICT, PIN - 533 437, ANDHRA PRADESH., SURAMPALEM, EAST GODAVARI, Andhra Pradesh, 533437	<b>Society/Trust Address</b>	ADIYA ACADEMY, SRI NAGAR, KAKINADA, KAKINADA, EAST GODAVARI, Andhra Pradesh, 533003
<b>Institution /University Type</b>	Private-Self Financing	<b>Region</b>	South-Central

### To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	POST GRADUATE	PETROLEUM ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	18	12	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MINING ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	AGRICULTURAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	120	120	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	180	120	No	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	Jawaharlal Nehru Technological University, Kakinada	240	240	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	180	180	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	PETROLEUM TECHNOLOGY	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
MCA	POST GRADUATE	MASTERS IN COMPUTER APPLICATIONS	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
MANAGEMENT	POST GRADUATE	MBA	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	18	12	NA	Yes
ENGINEERING AND TECHNOLOGY	POST GRADUATE	VLSI DESIGN	Jawaharlal Nehru Technological University, Kakinada	18	12	NA	Yes



ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRICAL AND ELECTRONICS ENGINEERING	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRONICS & COMMUNICATION ENGG	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	MECHANICAL ENGINEERING	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	COMPUTER SCIENCE AND ENGINEERING	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER ELECTRONICS AND DRIVES	Jawaharlal Nehru Technological University, Kakinada	9	18	No	Yes
ENGINEERING AND TECHNOLOGY	DIPLOMA	CIVIL ENGINEERING	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	THERMAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	18	12	NA	Yes
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	18	12	NA	Yes
ENGINEERING AND TECHNOLOGY	DIPLOMA	PETROLEUM TECHNOLOGY	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Jawaharlal Nehru Technological University, Kakinada	0	60##	No	No

## Approved New Course(s)

**To conduct following Dual/Integrated Courses with the Intake indicated below for the Academic Year 2021-22**

Program	Level	Course	Affiliating Body (Univ/Body)	Intake Approved for 2020-21	Intake Approved for 2021-22
MANAGEMENT	Integrated	MASTER OF BUSINESS	Jawaharlal Nehru Technological	60	60



		ADMINISTRATION (INTEGRATED)	University, Kakinada		
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**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**

The Institution/ University is having the following deficiencies as per the online application submitted to AICTE (self-disclosure based) and the same shall be complied within Two year from the date of issue of this EoA

**Deficiencies\* Noted (based on Self Disclosure)**

Classroom.  
Tutorial Room.  
Seminar Hall.  
Additional Workshop.  
Drawing Hall.  
Workshop.  
Laboratory.

\*Please refer Deficiency Report for details

**Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Prof.Rajive Kumar**  
Member Secretary, AICTE

Copy \*\* to:

1. **The Director of Technical Education\*\*, Andhra Pradesh**
2. **The Registrar\*\*,  
Jawaharlal Nehru Technological University, Kakinada**
3. **The Principal / Director,  
ADITYA ENGINEERING COLLEGE  
Aditya Engineering College  
Aditya Nagar, Adb Road, Surampalem,  
Gandepalli Mandal, East Godavari District,**

Pin - 533 437, Andhra Pradesh.,  
Surampalem, East Godavari,  
Andhra Pradesh, 533437

4. **The Secretary / Chairman,**  
ADIYA ACADEMY, SRI NAGAR,  
KAKINADA  
KAKINADA, EAST GODAVARI  
Andhra Pradesh, 533003
5. **The Regional Officer,**  
All India Council for Technical Education  
First Floor, old BICARD Building  
Jawaharlal Nehru Technological University  
Masab Tank, Hyderabad-500076
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/> .

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*

# All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2022-23

### Extension of Approval (EoA)

F.No. South-Central/1-10969492453/2022/EOA

Date: 09-Jul-2022

To,

The Principal Secretary  
(Higher Education) Govt. of Andhra Pradesh,  
J Block, 4th Floor, Secretariat Building,  
Hyderabad-500022

**Sub: Extension of Approval for the Academic Year 2022-23**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2022-23

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2022 Notified on 4th February, 2022 and amended on 24th February 2022 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-2504741	Application Id	1-10969492453
Name of the Institution	ADITYA ENGINEERING COLLEGE	Name of the Society/Trust	ADITYA ACADEMY
Institution Address	ADITYA ENGINEERING COLLEGE ADITYA NAGAR, ADB ROAD, SURAMPALEM, GANDEPALLI MANDAL, EAST GODAVARI DISTRICT, PIN - 533 437, ANDHRA PRADESH., SURAMPALEM, EAST GODAVARI, Andhra Pradesh, 533437	Society/Trust Address	ADIYA ACADEMY, SRI NAGAR, KAKINADA, KAKINADA, EAST GODAVARI, Andhra Pradesh, 533003
Institution Type	Private-Self Financing	Region	South-Central
Year of Establishment	2001		
Opted for Merger of Institution	Yes	Merger of Institution Approved or Not	Approved

### To conduct following Courses with the Intake indicated below for the Academic Year 2022-23

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
DIPLOMA	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
DIPLOMA	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	State Board of Technical Education and Training, Hyderabad	60	120	NA	NA



Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
DIPLOMA	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
DIPLOMA	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
DIPLOMA	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	State Board of Technical Education and Training, Hyderabad	120	120	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AGRICULTURAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Jawaharlal Nehru Technological University, Kakinada	60	180	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	120	60	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	180	180	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	Jawaharlal Nehru Technological University, Kakinada	0	60##	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	120	60	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Jawaharlal Nehru Technological University, Kakinada	240	240	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	Jawaharlal Nehru Technological University, Kakinada	60	120	NA	Yes

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	120	60	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MINING ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	60	30	NA	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	PETROLEUM TECHNOLOGY	Jawaharlal Nehru Technological University, Kakinada	60	30	NA	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	PETROLEUM ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	12	12	NA	Yes
POST GRADUATE	MCA	MASTERS IN COMPUTER APPLICATIONS	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
POST GRADUATE	MANAGEMENT	MBA	Jawaharlal Nehru Technological University, Kakinada	60	60	NA	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	12	18	NA	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	VLSI DESIGN	Jawaharlal Nehru Technological University, Kakinada	12	12	NA	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	POWER ELECTRONICS AND DRIVES	Jawaharlal Nehru Technological University, Kakinada	18	12	NA	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	THERMAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	12	12	NA	Yes
POST GRADUATE	ENGINEERING AND TECHNOLOGY	STRUCTURAL ENGINEERING	Jawaharlal Nehru Technological University, Kakinada	12	12	NA	Yes



Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	MANAGEMENT	MBA	Jawaharlal Nehru Technological University, Kakinada	180	180	NA	NA

## Approved New Course(s)

**To conduct following Dual/Integrated Courses with the Intake indicated below for the Academic Year 2022-23**

Level	Program	Course	Affiliating Body (Univ/Body)	Intake Approved for 2021-22	Intake Approved for 2022-23
Integrated	MANAGEMENT	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED)	Jawaharlal Nehru Technological University, Kakinada	60	60

**Course(s) Applied for Closure by the Institution for the Academic Year 2022-23**

Level	Program	Course	Affiliating Body (Univ/Body)	Course Closure Status	Intake Approved for 2022-23
DIPLOMA	ENGINEERING AND TECHNOLOGY	PETROLEUM TECHNOLOGY	State Board of Technical Education and Training, Hyderabad	Approved	0

**It is mandatory to comply with all the essential requirements as given in APH 2022-23 (Appendix 6)**

The Institution/ University is having the following deficiencies as per the online application submitted to AICTE and the same shall be complied within Two year from the date of issue of this EoA

Deficiencies Noted based on Self Disclosure	
Particulars	Deficiency
<b>1. Other Facilities Deficiency</b>	
Implementation of student Induction Programme	Yes

\*Please refer Deficiency Report for details



### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC (NCL)/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2022-23 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE beginning with the Academic Year 2022-23
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as Approval Process Handbook and provisions made in AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Pharmacy Institute:** In compliance with the order dated 05.03.2020 passed by the Hon'ble Supreme Court of India in Transferred Petitions (CIVIL) No 87-101 of 2014, for the existing institutions offering courses in Pharmacy Programme, approval of Pharmacy Council of India (PCI) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per the respective regulatory body (PCI). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by PCI, the approval of PCI shall prevail.

**Architecture Institute:** In compliance with the order dated 08.11.2019 passed by the Hon'ble Supreme Court of India in CA No.364/ 2005, for the existing Institutions offering Courses in Architecture Programme, approval by the Council of Architecture (CoA) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per respective regulatory body (CoA). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by CoA, the approval of CoA shall prevail.

**Deemed to be University:** Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy to:

1. **The Director Of Technical Education\*\*, Andhra Pradesh**
2. **The Registrar\*\*,  
Jawaharlal Nehru Technological University, Kakinada**
3. **The Principal / Director,  
ADITYA ENGINEERING COLLEGE  
Aditya Engineering College  
Aditya Nagar, Adb Road, Surampalem,  
Gandepalli Mandal, East Godavari District,  
Pin - 533 437, Andhra Pradesh.,  
Surampalem,East Godavari,  
Andhra Pradesh,533437**
4. **The Secretary / Chairman,  
ADIYA ACADEMY, SRI NAGAR,  
KAKINADA  
KAKINADA,EAST GODAVARI  
Andhra Pradesh,533003**

5. **The Regional Officer,**  
All India Council for Technical Education  
First Floor, old BICARD Building  
Jawaharlal Nehru Technological University  
Masab Tank, Hyderabad-500076

6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*





# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Media Centre:

With the ever increase in demand for e-content from various stakeholders, the institute has felt the need for establishing a Media centre with all required facilities. Taking this into consideration, the institution has developed a Media centre. The centre is equipped with facilities like video editing, audio mixing and basic animation softwares. With this facility in place, the institution is in a position to develop e-content and promote e-learning through online platform. The Media centre is driven by a team of experts and skilled technicians who can handle the software and hardware with dexterity.

### LIST OF EQUIPMENTS IN MEDIA CENTRE

S.No	Equipment Name	Quantity
1.	Panasonic AG-CXBED Camcorder	3
2.	Octova Softlights	2
3.	Tripod Simplex Stand	1
4.	Cam Link 4K Capture Card	2
5.	Sony Memory Card	2
6.	HP Wired Headset	1
7.	Seagate Hard Disks 2TB	2
8.	AHUJA Wireless Mic Set	1
9.	Lenovo Think Stations	2
10.	Adobe Premiere Pro Software	1
11.	MAXHUB E Series 65" Interactive Panel	3

SV / 17  
PRINCIPAL

PRINCIPAL

ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437



**Purchase Equipment Details of  
e-Content Development Facilities**



Particulars	Amount (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)	Particulars	Amount (Rs.)	AMOUNT (Rs.)
Printing & Stationery		1656745				
Professional Tax		5000				
Professional Fees		1404210				
Research & Development		5456503				
Remuneration		1060138				
Board of Governance	80000					
Academic Council	280000					
Board of Studies	360000					
Others	340138					
Repairs & Maintenance ( Electrical Equipment)		1130130				
Repairs & Maintenance ( Furniture)		893590				
Repairs & Maintenance( Buildings)		7068111				
Seminars & Work Shops		302994				
Sports Goods(Expenses)		30000				
Staff Buses Maintenance		856800				
Staff Mess Charges		1368400				
Staff Welfare Expenses		2025242				
Students Scholarships		3860000				
Student Welfare Expenses		358518				
Technical Training & Skill Development		1691916				
Telephone Charges/Internet Charges/Sms		675427				
Travelling Charges		881544				
Solar Maintenance		1200000				
Security Charges		860000				
Web Site Maintenance		1080000				
Xerox Charges		276450				
Surplus/Loss		-70001497				
<b>Total</b>		<b>332184733</b>		<b>Total</b>	<b>332184733</b>	

CERTIFIED THAT THE ABOVE INCOME & EXPENDITURE FIGURES HAVE BEEN BIFURCATED FROM OUT OF THE ADITYA ACADEMY ACCOUNTS, BASED ON THE BILLS / VOUCHERS TO WHICH COLLEGE THE EXPENDITURE BELONGS.

V V SATYANARAYANA  
CHARTERED ACCOUNTANT  
RAJAHMUNDRI  
M.NO.022084

UDIN: 22022084 BDLAYJ1916



17/10/22

PRINCIPAL

ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437

P.BHASKARA REDDY  
AUTHORISED SIGNATORY

P.BHASKARA REDDY





## DEPRECIATION SCHEDULE

77081  
32181  
CHARTERED  
ACCOUNTANT  
11/11/2004

ADITYA ENGINEERING COLLEGE  
CHIDAMBARAM 622 427



Name of the Asset	WDV AS ON 01.04.2020	Addition		Deletion		Balance as on 31.03.2021	Rate of Dep %	Depreciation	WDV AS ON 01.04.2021
		01.04.20 TO 30.09.20	01.10.20 TO 31.03.21	01.04.20 TO 30.09.20	01.10.20 TO 31.03.21				
Electronic Equipment	36026865	1237000	-	-	-	37263865		6569923	30693942
Amplifier	5233	-	-	-	-	5233	15	785	4448
Antennae	57223	-	-	-	-	57228	15	8583	48640
Camera	707472	182000	-	-	-	889472	15	133421	756051
C C Cameras	8716631	-	-	-	-	8716631	15	1307495	7409136
Cell Phones \ Telephones \	1210556	105800	-	-	-	1316356	15	197453	1118903
Microphones									
Coffee Machine	94645	-	-	-	-	94645	15	14197	80448
Energy Systems	23403	-	-	-	-	23403	15	3510	19893
EPABX	178327	-	-	-	-	178327	15	26749	151578
Fake Note Detector	3198	-	-	-	-	3198	15	480	2718
Inverters	309716	-	-	-	-	309716	15	46457	263259
Lab Equipment	16978304	-	-	-	-	16978304	15	2546746	14431558
Microphones	1983	-	-	-	-	1983	15	297	1685
Panel Boards	298366	-	-	-	-	298366	15	44755	253611
Solar Water Heater	305730	-	-	-	-	305730	15	45859	259870
Sound System	1725128	-	-	-	-	1725128	15	258769	1466359
Televisions	1336413	949200	-	-	-	2285613	15	342842	1942771
Thump Impression Machine	53263	-	-	-	-	53263	15	7989	45273
Walky Talky	99904	-	-	-	-	99904	15	14986	84918
SOLAR SYSTEMS	3921372	-	-	-	-	3921372	15	1568549	2352823
Plant & Machinery	19483069	515000	-	-	-	19998069		2961086	17036982
Air Conditioners	7948665	124000	-	-	-	8072665	15	1201600	6871065
Air Cooler	17474	-	-	-	-	17474	15	2621	14853
Aqua Guard	4183	-	-	-	-	4183	15	627	3555
Counting Machine	182184	26000	-	-	-	208184	15	29278	178907
Cutter Machine	8225	-	-	-	-	8225	15	1234	6991
Digital Duplicator & Copy Printer	255590	-	-	-	-	255590	15	38339	217252
Fax Machine	32023	-	-	-	-	32023	15	4803	27220
Garden Equipment	26104	-	-	-	-	26104		3916	22188
Generator	2528932	-	-	-	-	2528932	15	379340	2149592
Gestner Copy Printer	151999	-	-	-	-	151999	15	22801	129198
Mineral Water Plant	243217	-	-	-	-	243217	15	36483	206734
Power Supply Module	17864	-	-	-	-	17864	15	2680	15184
Projector	3537059	-	-	-	-	3537059	15	530559	3006500
Pumpset & Motors	538481	120000	-	-	-	658481	15	89772	568709
Refrigerator	144934	-	-	-	-	144934	15	21740	123194
R O Plant	110260	-	-	-	-	110260	15	16539	93721



PRINCIPAL

ADITYA ENGINEERING COLLEGE



Name of the Asset	WDV AS ON 01.04.2020	Addition		Deletion		Balance as on 31.03.2021	Rate of Dep %	Depreciation	WDV AS ON 01.04.2021
		01.04.20 TO 30.09.20	01.10.20 TO 31.03.21	01.04.20 TO 30.09.20	01.10.20 TO 31.03.21				
Transformer & Electrification	508448	-	-	-	-	508448	15	76267	432181
Visual Teaching Aids	6083	-	-	-	-	6083	15	912	5170
Water Cooler	281613	-	-	-	-	281613	15	42242	239371
Water Heater	139082	-	-	-	-	139082	15	20862	118220
Water Purifier	19523	245000	-	-	-	264523	15	21303	243220
Water Softner	2729227	-	-	-	-	2729227	15	409384	2319843
XEROX MACHINE	51897	-	-	-	-	51897	15	7785	44113
Computers / Printers / UPS	14287795	9075831	-	-	-	23363626		7702728	15660898
Computers	10420896	7144235	-	-	-	17565131	40	5597206	11967926
Computer Software	4864	-	-	-	-	4864	40	1945	2918
Digital Boards	3388	-	-	-	-	3388	40	1355	2033
Finger Print and Attendance System	58984	-	-	-	-	58984	40	23594	35390
Printers	461091	1069376	-	-	-	1530467	40	998312	1132155
SAP Software	101068	-	-	-	-	101068	40	40427	60641
U.P.S	2843484	862220	-	-	-	3705704	40	1482282	2223422
Xilinx Vivada Software Package	151200	-	-	-	-	151200	40	60480	90720
Software Package	242820	-	-	-	-	242820	40	97128	145692
Other Assets	9316402	517617	-	-	-	9834019		3879546	5954473
Library Books	9316402	517617	-	-	-	9834019	40	3879546	5954473
Total	892358520	94051295	-	-	-	986409815		104176073	882233743

V V SATYANARAYANA  
CHARTERED ACCOUNTANT  
RAJAHMUNDY  
M NO 022084  
DATE 17/11/2022



P.B. BRS  
P.BHASKARA REDDY  
AUTHORISED SIGNATORY

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPalem - 533 437

#### **4. Other SoPs**

##### **4.1 Strategic Plan Deployment**

##### **1. Purpose**

To define the procedure for deployment of the strategic plan

##### **2. Scope**

This SoP covers all strategic goal parameters discussed in the strategic plan

##### **3. Responsibilities**

The governing body, after thorough consultation with all the stakeholders, prepares the strategic plan for a period of ten years. The implementation of the strategic plan is assigned to the Head of the institute.

##### **4. Procedure**

After the approval of the strategic plan by the governing body, the implementation of the plan is assigned to the Principal. The Principal along with IQAC, Deans and Heads of the departments identifies suitable procedures to achieve the goals listed in the strategic plan. Evaluation of achievement of the strategic goals is performed periodically as per the target years set against each goal. The target years of strategic goals, if not achieved, will be revised only after the approval in the next governing body meeting.

##### **5. Reference**

Aditya Engineering College - Policy Handbook







# ADITYA ENGINEERING COLLEGE (A)

## Minutes of the 27<sup>th</sup> meeting of the Governing Body held on 05-12-2020

### **Item 27.1: Welcome address by the Chairman.**

Dr. N. Sesha Reddy, Chairman of Governing Body of Aditya Engineering College has welcomed all the members for the 27<sup>th</sup> Governing Body Meeting.

The Chairman informed the following achievements of the institution.

- AICTE – **Utkrisht Sansthan Vishwakarma Award** 2019 2<sup>nd</sup> rank for significant contributions in the growth and development of adopted village.
- MHRD-AICTE: **Swachh Campus Award**-3<sup>rd</sup>rank amongst the cleanest Higher Educational Institutions in the country in the category Residential Colleges.
- Certificate of Appreciation from AICTE, for the significant contribution in "One student One Tree".
- NPTEL rating "AA"(All India top 50)
- AEC was rated "Band B" institution (Rank 26-50) in ATAL Ranking of Institutions on Innovation Achievements (ARIIA) 2020.
- AEC has scored 4.5 out of 5 Star rating of Institution Innovation Council for promoting innovation.
- AEC was sanctioned Rs 8.73 Lakhs under MODROBS for Advanced Communications Engineering Lab from AICTE.
- Received Rs 2.5 Lakhs Seminar Grant to organize "A two day seminar on Women Empowerment and Employment in East Godavari District" funded by National Commission for Women (NCW).
- Received Rs 1 Lakh from Institution Innovation Council & National Research and Development for "Design and analysis of economical feasible IoT based aqua-Animal density measuring system".
- AEC was rated 10<sup>th</sup> Rank in AP and 114<sup>th</sup> Rank in India in Times Engineering, 13<sup>th</sup> Rank in AP and 198<sup>th</sup> Rank in India in India Today, 11<sup>th</sup> Rank in AP and 100<sup>th</sup> Rank in India in The Week Hans Research Survey, 1<sup>st</sup> Rank in AP and 33<sup>rd</sup> Rank in India in Academic Insights, 4<sup>th</sup> Rank in AP, 15<sup>th</sup> Rank in India in Silicon India Magazines, AAA+ in Career 360 and AAAA in Digital Learning.

The members noted the above achievements and appreciated the management for providing the best facilities to achieve the above recognitions.

### **Item 27.2: Confirmation of minutes of 26<sup>th</sup> Governing Body meeting held on 09-11-2019.**

The Member Secretary presented the minutes of the 26<sup>th</sup> Governing Body meeting held on 09-11-2019.

Resolution No.AEC/GB/Res/27.2

The members unanimously confirmed the minutes of the previous Governing Body meeting held on 09-11-2019.



**Item 27.3: Action taken report on minutes of meeting of 26<sup>th</sup> Governing Body held on 09-11-2019.**

The Member Secretary presented the Action Taken Report on the resolutions of the 26<sup>th</sup> Governing Body meeting held on 09-11-2019.

Resolution No.AEC/GB/Res/27.3

The members unanimously approved the Action Taken Report on the previous Governing Body meeting held on 09-11-2019.

**Item 27.4 (i): Approval of resolutions of 6<sup>th</sup> and 7<sup>th</sup> Academic Council meetings.**

The Member Secretary presented the minutes of the 6<sup>th</sup> and 7<sup>th</sup> Academic Council meetings.

Resolution No.AEC/GB/Res/27.4 (i)

The members unanimously approved the minutes of the 6<sup>th</sup> and 7<sup>th</sup> Academic Council meetings.

**Item 27.4 (ii): Approval of resolutions of 4<sup>th</sup> and 5<sup>th</sup> Finance Committee meetings.**

The Member Secretary presented the minutes of the 4<sup>th</sup> and 5<sup>th</sup> Finance Committee meetings.

Resolution No.AEC/GB/Res/27.4 (ii)

The members unanimously approved the minutes of the 4<sup>th</sup> and 5<sup>th</sup> Finance Committee meetings.

**Item 27.4 (iii): Introduction of New Programmes.**

The Member Secretary presented the details of the introduction of New B. Voc. Programmes of

- i) Fashion Technology and Management,
- ii) Hotel Management,
- iii) Technology Aided Chip Design Centre and
- iv) Engine Testing

with an intake of 30 each sanctioned by UGC for the academic year 2020-21.

*Discussion: The members enquired about the duration of B. Voc. Courses, how it is different from Diploma Courses and its affiliation process. The Member Secretary informed that the B. Voc. Courses are more of hands-on programme with 60% practical and 40% theory evaluation. The Member Secretary also informed that these courses are approved by UGC and waiting for affiliation of JNTUK.*

Resolution No.AEC/GB/Res/27.4 (iii)

The members unanimously approved the introduction of four new B. Voc. Courses.

#### **Item 27.4 (iv): Approval of Faculty Posts**

The Member Secretary presented that the College requires 29 Professors, 85 Associate Professors and 150 Assistant Professors to a total of 264 faculty members for the AICTE approved programs for the academic year 2021 - 22 to meet the student, faculty ratio as well as cadre ratio.

##### Resolution No.AEC/GB/Res/27.4 (iv)

The members approved the sanctioned posts and suggested to allot 33% of these posts for female candidates.

#### **Item 27.4 (v): Approval of budget for the financial year 2020-21 and New Incentive Policy.**

The Member Secretary presented the details of Budget for the financial year 2020-21 to the tune of Rs. 5000 lakhs including Rs 40 lakhs for merit scholarships. The Member Secretary also presented the New Incentive Policy of the institution.

1. Publication in International Journals:  
Rs. 10,000/- to Rs. 25,000/- depending upon IF or H-Index,  
Rs. 2,000/- for UGC Journals and Rs. 10,000/- for Scopus indexed Journals.
2. Up to Rs. 20,000/- for Scopus Indexed International Conferences,  
Rs. 4,000/-for National Conferences.
3. Rs. 20,000/- for Publication of Text Book of International Edition  
Rs. 10,000/- for Indian Edition.
4. Rs. 30,000/- for US Patent  
Rs. 10,000/- each for filing a National Patent and National Awarded.
5. 5% to 15% of Sanctioned Amount for Funded grants / projects  
Rs. 25,000/- and Rs. 20,000/- for MODROBS for more than and less than Rs. 5 lakhs respectively.

##### Resolution No.AEC/GB/Res/27.4 (v)

The members unanimously resolved to ratify the budget for the financial year 2020-21 to the tune of Rs. 5000 lakhs. The members also appreciated the management for providing good incentives for research activities and unanimously approved the New Incentive Policy.

#### **Item 27.4 (vi): Approval of Strategic Plan of the institute.**

The Member Secretary presented for discussion, the proposed Strategic Plan of the institute for 2021-2030.

##### Resolution No.AEC/GB/Res/27.4 (vi)

The members discussed and approved the Strategic Plan of the institute. The members appreciated for identifying the key areas like e-content development, updation of research facilities and MoUs with HEIs.

#### **Item 27.5 (i): Details of the sanctioned strength, admitted candidates for the academic year 2020-21.**

The Member Secretary presented the details of sanctioned strength and admitted candidates of 1<sup>st</sup> year and lateral entry admissions for the academic year 2020-21 duly comparing with the last three years. The admissions for the academic year 2020-21 are yet to commence by the Government and a total of 875 admissions for the academic year 2019-20, 966 admissions for 2018-19 and 1001 admissions for 2017-18 were made for I Year B. Tech. against the sanctioned intake of 1080. 301 admissions were made for the academic year 2020-21, 207 admissions for 2019-20, 120 admissions for 2018-19 and 270 admissions for 2017-18 under Lateral Entry to B. Tech. 2<sup>nd</sup> year.



*Discussion: The members enquired about the leftover seats of B Tech. admissions and the Member Secretary informed that the leftover seats of I Year B. Tech. are filled in Lateral Entry and totally almost all seats are being filled. The Member Secretary also informed that due to non-interest of students for admission into non-circuit branches the vacancies are arising in Civil, Electrical, Mechanical, Petroleum, Mining and Agricultural Engineering and most of those vacancies are being filled in Lateral Entry admissions. The members expressed dissatisfaction with admissions in PG Programmes. The Member Secretary informed that due to insisting on regular attendance, the candidates are not showing interest in admission to M. Tech. Courses.*

Resolution No.AEC/GB/Res/27.5 (i)

The members unanimously ratified the sanctioned strength and admitted candidates for the academic year 2020-21.

**Item 27.5 (ii): Analysis and statistical evaluation of the results of the academic year 2019-20.**

The Member Secretary provided the detailed results of odd and even semesters of the academic year 2019-20.

Resolution No.AEC/GB/Res/27.5 (ii)

The members unanimously ratified the results of odd and even semesters of the academic year 2019-20.

**Item 27.5 (iii): Details of deficiencies pointed out by the university and compliance report submitted to the university.**

The Member Secretary informed that the institution is permanently affiliated to JNTUK and the same is due for renewal for 2020-21 and no deficiencies were pointed out by the university in the earlier visit of FFC.

Resolution No.AEC/GB/Res/27.5 (iii)

The members noted the information.

**Item 27.5 (iv): Details of the placements of the outgoing students.**

The Member Secretary presented the details of the placements of the outgoing students. 474 students (67.32%) were placed out of 704 eligible students in 71 Companies with the highest package of Rs. 17.4 LPA and with an average package of Rs. 3.6 LPA.

*Discussion: The members congratulated the management for inviting a good number of companies with the higher package. The members commented that students from a few departments like PT, Ag. E and Min. E has poor placements and efforts may be taken to improve the placements by networking with industries and alumni.*

Resolution No.AEC/GB/Res/27.5 (iv)

The members noted the placements of the outgoing students.

**Item 27.5 (v): Details of the Grievances, redressal, anti-ragging cases, and information about the action taken by the college administration to prevent in the future.**

The Member Secretary presented the report on grievance redressal, anti-ragging cases and informed that the institution is under CCTV surveillance.

Resolution No.AEC/GB/Res/27.5 (v)

The members noted the information.

**Item 27.6 (i): Closure of Programmes for the academic year 2020-21.**

The Member Secretary presented the details of the reduction in intake/closure of M. Tech. Specializations.

Reduction in Intake of Specializations

- |                               |             |
|-------------------------------|-------------|
| a) VLSI Design                | (36 to 18), |
| b) Thermal Engineering        | (24 to 18), |
| c) CSE                        | (36 to 18), |
| d) Power Electronics & Drives | (18 to 09)  |

Closure of Specializations

- |                          |
|--------------------------|
| a) Embedded Systems and  |
| b) Software Engineering. |

Resolution No.AEC/GB/Res/27.6 (i)

The members noted and ratified the details of closure/reduction in intake of M. Tech. specializations.

**Item 27.6 (ii): Activities of R&D Cell.**

The Member Secretary presented the following details of activities of the R&D Cell.

1. The Faculty members have published papers in 120 Journals, out of which 43 in SCI Journals, 46 in Scopus indexed Journals and 31 in UGC Journals. The Faculty members also presented 79 papers at Conferences.
2. The faculty members have received a grant of Rs. 12.22 lakhs from various funding agencies.
3. The Faculty members have consultancy activities worth of Rs. 1.65 lakhs. The institution has also generated internal revenue of Rs. 4.2 lakhs by conducting various online examinations.
4. The Faculty members have filed 11 patents.
5. The Faculty members have authored four Text Books and nine Chapters.
6. The institution awarded incentives to the tune of Rs. 46.71 lakhs to the faculty members for various Publications, Patents and Innovative Projects.
7. The institution granted seed money of Rs 26.27 lakhs to faculty for doing research in the year 2019-20.
8. The faculty members have submitted 23 Project proposals to various organizations.

*Discussion: The members enquired about the consultancy activities by the Civil Engineering Department. The Member Secretary informed that the NABL Accreditation is in progress and for which equipment worth of Rs. 50 lakhs was procured.*

Resolution No.AEC/GB/Res/27.6 (ii)



The members noted the activities of R&D and congratulated the faculty members for their R&D achievements and also appreciated the management for providing good incentives for research activities.

**Item 27.6 (iii): Scholarships and incentives offered to the students by the college during the academic year 2019-20.**

The Member Secretary presented the scholarships and awards offered to students during the academic year 2019-20 to the tune of Rs. 86.42 lakhs.

Resolution No.AEC/GB/Res/27.6 (iii)

The members noted the scholarships and awards offered to students and appreciated the management for providing good scholarships to the students.

**Item 27.6 (iv): Awards and Prizes received by faculty and staff.**

The Member Secretary presented the details of Awards and prizes received by faculty and staff.

Resolution No.AEC/GB/Res/27.6 (iv)

The members noted the awards and prizes received and congratulated the faculty and staff members for their achievements.

**Item 27.6 (v): Major equipment procured during the previous academic year.**

The Member Secretary presented the details of major equipment procured during the previous academic year.

Resolution No.AEC/GB/Res/27.6 (v)

The members noted the details of major equipment procured worth of Rs. 61.38 lakhs during the previous academic year.

**Item 27.6 (vi): Library details.**

The Member Secretary presented that the Library has 6478 Titles and 79,405 Volumes. The institution has procured 160 Titles and 919 volumes worth of Rs. 4.13 lakhs during the academic year 2019-20. The college has 2700 e-books. Total expenditure on Library for the academic year 2019-20 is Rs. 48.31 lakhs.

Resolution No.AEC/GB/Res/27.6 (vi)

The members noted the details of the Library.

**Item 27.6 (vii): Academic activities carried out during Covid-19.**

The Member Secretary presented the details of academic activities carried out during Covid-19

- a) The left-over syllabus was completed in April.

- b) From May to July the students were encouraged to undergo Online Internships, Coursera Courses, NPTEL and Skill up-gradation courses.
- c) CRT Classes and practice tests were also conducted for 3 hours a day. 27 students for Capgemini and 89 students for DXC were selected in Online Campus drives during the Covid-19.
- d) From August the online classes for odd semesters were started.

Resolution No.AEC/GB/Res/27.6 (vii)

The members appreciated for conducting online activities for students during Covid-19 and noted the same.

**Item 27.6 (viii): Online Courses completed by students & faculty.**

The Member Secretary informed that 1135 NPTEL Courses and 2610 coursera courses were successfully completed by the students and 93 NPTEL Courses and 382 coursera courses were successfully completed by the faculty members.

Resolution No.AEC/GB/Res/27.6 (viii)

The members noted and appreciated the students and faculty members for successfully completing a good number of NPTEL and coursera courses.

**Item 27.6 (ix): Seminars/ Workshops / FDPs / Training Programmes attended by Faculty.**

The Member Secretary informed that the faculty members have attended 472 Seminars / Workshops / FDPs / Training Programmes.

Resolution No.AEC/GB/Res/27.6 (ix)

The members noted the details of Seminars / Workshops / FDPs / Training Programmes attended by the faculty.

**Item 27.6 (x): Seminars/Workshops/FDPs/Training Programmes organized by Departments.**

The Member Secretary informed that 43 Seminars / Workshops / FDPs / Training Programmes were organized by the departments.

Resolution No.AEC/GB/Res/27.6 (x)

The members noted the details of Seminars / Workshops / FDPs / Training Programmes organized by the departments.

**Item 27.6 (xi): Guest Lectures / Technical Symposiums / Industrial Visits organized by Departments.**

The Member Secretary informed the 19 Guest Lectures, 9 Technical Symposiums and 18 Industrial Visits were organized by Departments.

Resolution No.AEC/GB/Res/27.6 (xi)



The members noted the details of Guest Lectures, Technical Symposiums and Industrial Visits organized by Departments.

**Item 27.6 (xii): Details of the faculty who left the institution after the previous meeting.**

The Member Secretary presented the information of Faculty members who have left the institution for various reasons.

Resolution No.AEC/GB/Res/27.6 (xii)

The members noted the details.

**Item 27.6 (xiii): Attendance particulars of the students during the academic year 2019-20 (shortage, condonation and detention details).**

The Member Secretary presented the details of 29 students of odd semesters and 28 students of even semesters, who were detained in the academic year 2019-20.

Resolution No.AEC/GB/Res/27.6 (xiii)

The members noted and ratified the attendance particulars of the students of the academic year 2019-20.

**Item 27.6 (xiv): Details of readmitted students in the even semester of the academic year 2019-20 and the odd semester of 2020-21.**

The Member Secretary presented the details of 37 readmitted students in the even semester of the academic year 2019-20 and 23 readmitted students in the odd semesters of the academic year 2020-21.

Resolution No.AEC/GB/Res/27.6 (xiv)

The members noted and ratified the details of readmitted students in the even semester of the academic year 2019-20 and odd semesters of the academic year 2020-21.

**Item 27.6 (xv): Performance of students in games, sports, extra-curricular and co-curricular activities.**

The Member Secretary presented the details of students performance in various games, sports, extra-curricular and co-curricular activities.

Resolution No.AEC/GB/Res/27.6 (xv)

The members noted the details of students performance in games, sports, extra-curricular and co-curricular activities.

**Item 27.6 (xvi): Malpractice cases in examinations conducted during the academic year 2019-20.**

The Member Secretary informed that no malpractice cases were reported in examinations conducted during the academic year 2019-20.

Resolution No.AEC/GB/Res/27.6 (xvi)

The members noted the information.

**Item 27.6 (xvii): Details of the scribe permitted during the academic year 2019-20.**

The Member Secretary informed that no such situation arose during the academic year 2019-20.

Resolution No.AEC/GB/Res/27.6 (xvii)

The members noted the information.

**Item 27.6 (xviii): Credit equivalence for the students shifted from other colleges and universities during the academic year 2019-20.**

The Member Secretary informed that no student shifted from other colleges and universities during the academic year 2019-20.

Resolution No.AEC/GB/Res/27.6 (xviii)

The members noted the information.

**Item 27.6 (xix): Social Service activities.**

The Member Secretary presented the details of NSS and Leo Club activities during the academic year 2019-20.

Resolution No.AEC/GB/Res/27.6 (xix)

The members noted the information.

**Item 27.6 (xx): Details of the payments due to the university in the form of different fees.**

The Member Secretary informed that the institution has cleared the dues to the university up to the academic year 2016-17. The institution has due of Rs. 35.23 lakhs for the academic year 2017-18, due of Rs. 50.90 lakhs for the academic year 2018-19 and due of Rs. 57.41 lakhs for the academic year 2019-20. The university permitted to clear the above dues in due course.

Resolution No.AEC/GB/Res/27.6 (xx)

The members noted the information.

**Item 27.6 (xxi): Details of the cases received under the Right to Information Act and information communicated to respective agencies.**

The Member Secretary informed that no cases were received under the Right to Information Act.



Resolution No.AEC/GB/Res/27.6 (xxi)

The members noted the information.

**Item 27.7(i): Any other item/s with the approval of the Chairman.**

The Member Secretary presented the Report on e-Governance for the academic year 2019-20 to the members.

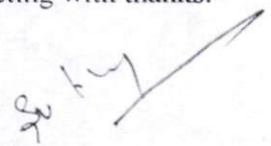
**Item 27.7 (ii): Schedule of next Governing Body meeting**

The members unanimously approved to conduct the next meeting of the Board of Governors tentatively in May 2021.

**Item 7.7 (iii): Vote of Thanks**

The Dean (R&D) Dr. KVS Murthy thanked all the members for attending the meeting and for giving valuable suggestions for the development of the institution.

Since there were no other issues to discuss, the Chairman concluded the meeting with thanks.



**MEMBER SECRETARY**

**PRINCIPAL**

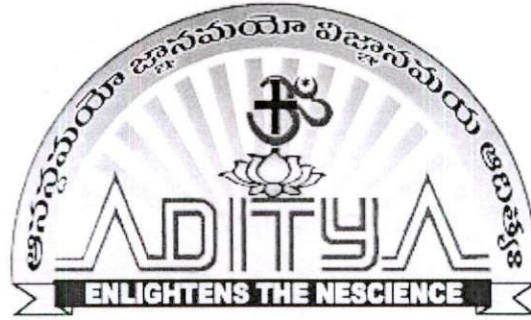
**ADITYA ENGINEERING COLLEGE  
SURAMPalem - 533 437**

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# Strategic Plan and Deployment Document

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(2021-2030)



## ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Accredited by NAAC with 'A' Grade

Recognized by UGC under sections 2(f) and 12(B) of UGC act, 1956

Aditya Nagar, ADB road, Surampalem- 533437, Near Kakinada, E.G. Dt., Ph: 99498 76662



## **Executive Summary**

Aditya Engineering College is the premier institution which is providing better education in East Godavari district of Andhra Pradesh from two decades. The institution is offering Professional Programs in Engineering, Diploma, MCA and MBA.

Dr. Nallamilli Sesha Reddy is the founder chairman of Aditya educational society in the name of Aditya Academy at Kakinada in the year 1984, with a vision and mission to create a platform for holistic growth and success of students at all levels.

Aditya Engineering College is one of the institutions promoted by Aditya Academy. It is established in the year 2001.

### **Vision-Mission and Quality Policy of the Institution**

#### **Vision:**

To induce higher planes of learning by imparting technical education with

- International standards
- Applied research
- Creative Ability
- Value based instruction to emerge as a premiere institute.

#### **Mission:**

Achieving academic excellence by providing globally acceptable technical education by forecasting technology through

- Innovative Research and Development
- Industry Institute Interaction
- Empowered Manpower

## **Quality Policy:**

Aditya is committed to create, sustain, and improve the learning process through Total Quality Management and make itself a seat for scientific and Technological learning with continual improvement and teamwork as its strength for achieving the set objectives.

## **Milestones achieved by the institute:**

- Accredited by NBA in the year 2008
- Permanently affiliated to JNTUK since 2011
- Recognized under section 2(f) & 12(B) of UGC in 2012
- India's first Platinum Ed-Vantage Campus with Microsoft - 2012
- Aditya global business incubation center is sponsored by DST in the year 2014
- Accredited by NAAC with A Grade in the year 2016
- Conferred Autonomous status by UGC in the year 2017
- Skill Development Center by APSSDC
- Scientific and industrial research organization (SIRO) Recognized by DSIR, Government of India

## **SWOC Analysis of the Institution**

### **Institutional Strength:**

- The Institute has Qualified and Experienced faculty
- Good Teaching and Learning process
- Effective execution in rural setup
- Produced Top rankers in the University Examinations



- The Institute periodically conducts Conferences, Workshops, and Faculty development programmes
- Well-designed employability skills assessment and Training programmes by in house training division “Technical Hub”
- Social extension activities like blood donation camps, educating rural students and organizing health camps by NSS

#### **Institutional weakness:**

- Student’s results need to be improved
- Curriculum need more research component
- Long-term plans for research promotion need to be addressed
- External funding needs to be attracted
- Proactive efforts for industry-oriented consultancy needed

#### **Institutional opportunity:**

- Existing infrastructure can be powered to set the Institution towards global recognition
- Advancement in emerging technologies like Artificial intelligence, IOT, robotics and 3D printing provides scope for more employment
- Provincial industrialization and government initiatives like Make in India, Startup India provides scope for entrepreneurship

#### **Institutional challenge:**

- Faculty retention
- State regulated tuition fee and admission





		❖ Adequate infrastructure to become a University	2025
		❖ To modernize existing classroom facilities into the digital classrooms	2025
4	Strengthen research & consultancy activities	❖ Minimum 2 publication per faculty a year ❖ Research training through assignments and field action programs for students ❖ Enhance industry–institute interaction to pursue consultancy ❖ MoU's with higher education institutions and industries to facilitate faculty and student exchange programs/internships	2023   2023   2024  2026
5	Faculty Development	❖ Encouraging and incentivizing faculty to join for Ph.D. programs.	2024

#### Implementation roles at institutional level:

Strategic Goal	Roles
Good Governance	Governing Body, Management
Curricular Aspects and Teaching-Learning	Principal, Dean-Academics, HOD's and All Faculty
Infrastructure Development	Governing Body, Management and Principal

Human Resource Development	Governing Body, Management and Principal
Research and Consultancy	Dean-R&D, HOD's and All Faculty
Alumni Participation/Collaboration	Alumni Cell and Faculty
Effective role of Internal Quality Assurance System	IQAC





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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Date:23-11-2020

## CIRCULAR

All the Deans, HODs are hereby informed to attend a special meeting for identification of strategic goals and preparation of strategic plan for the period 2021-2030.

In this connection, the IQAC coordinator is directed to take active role in the identification of strategic goals as per the inputs from various stake holders.

The meeting will be held on 28<sup>th</sup> November, 2020 at 2:00 PM in AJIVIKA Conference Hall.

### **Agenda of the meeting:**

1. Identification of strategic goals.
2. Preparation of strategic plan.

  
PRINCIPAL

To

All the Deans & HODs to comply with



# ADITYA ENGINEERING COLLEGE

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Ref: AEC/IQAC/Strategic Plan:2021-2030

## Minutes of Meeting held on 28/11/2020

Date: 30-11-2020

A special meeting to identify the strategic goals for the period 2021 to 2030 was held on 28<sup>th</sup> November, 2020 at 2 PM in the AJIVIKA Conference Hall, Bill Gates Bhavan.

### Agenda:

1. Identification of strategic goals.
2. Preparation of strategic plan.

The following members attended the meeting:

S.No	Name	Designation	Signature
1	Dr. M. Sreenivasa Reddy	Principal	
2	Dr. Rayudu Srinivas	IQAC Coordinator	
3	Dr. T. Narendrudu	Dean-Administration	
4	Dr. S. Rama Sree	Dean-Academics	
5	Dr. K.V.S.R. Murthy	Dean-R&D	
6	Mr. J. Pavan	Dean-Evaluation	
7	Mr. J.D. Venkatesh	Dean-Student Affairs	
8	Mr. P. Ravi Kishore	HOD-CE	
9	Dr. V. Srinivasa Rao	HOD-EEE	
10	Dr. B. Vara Prasad	HOD-ME	
11	Dr. G. Sridevi	HOD-ECE	
12	Ms. A. Vanathi	HOD-CSE	
13	Mr. M. Raja babu	HOD-IT	
14	Dr. R. Giri Prasad	HOD-PT	
15	Mr. Satyaajeet Parida	HOD-Min.E	
16	Mr. Gautham Deekshitulu	HOD-Ag.E	
17	Mr. M. Bala Prabhakar	HOD-H&BS	



### **Minutes and Resolutions:**

1. IQAC Coordinator appraised the milestones achieved by the institute during the last 10 years.
2. IQAC Coordinator presented the SWOC analysis of the institute.
3. IQAC Coordinator presented the broad strategic goals of the institute and invited suggestions from the members.
4. Members reviewed the teaching-learning process practiced in the institute. IQAC Coordinator appraised that institute is practicing OBE since 2017. It is resolved to establish a center to develop e-content.
5. Members reviewed the existing program structure. Members proposed to introduce inter-disciplinary/ multi-disciplinary programs in tune with industry needs.
6. Members discussed the future infrastructure requirements of the institute. It is resolved to construct two academic blocks to accommodate library, examination section and incubation center. Members resolved to revamp existing classroom and laboratory facilities.
7. Members reviewed the activities related to R&D and consultancy. It is resolved to augment advanced research facilities to support research and consultancy. Further, it is proposed to encourage faculty members to pursuing doctoral programs by providing incentives.



IQAC-Coordinator

## INVOICE / TAX INVOICE

(Original)

<b>Krishna Digital Color Lab and Studio</b> 1&1a, Subhadra Arcade, Bhanugudi Junction Kakinada GSTIN/UIN: 37AUVPM9233G1ZZ State Name: Andhra Pradesh, Code : 37 Contact : 0884-2346545, 9246690545, 9052588333 E-Mail : <a href="mailto:kdclkkd@gmail.com">kdclkkd@gmail.com</a>	Invoice No. <b>KDCL/496/2021</b>	Dated: <b>29-06-2020</b>
	Delivery note	Mode/Terms of Payment
	Supplier's Ref.	Other Reference(s)
	Buyer's Order No. <b>AEC/A-50/PO/2020-21/4231</b>	Dated <b>16-May-2020</b>
	Dispatch Document No	Dated
<b>Buyer</b>  <b>ADITYA ENGINEERING COLLEGE.</b> Aditya Nagar, Surampalem, ADB Road, East Godavari District, AP - 533 437.	Dispatch Through	Destination
	Terms of Delivery	

Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	Per	Amount
1. PANASONIC AG-CXBED CAMCORDER	85258020	18%	1 Pcs	1,23,533.00	Pcs	1,23,533.00
2. OCTOVA SOFTLIGHTS	940540	18%	2 Pcs	3,753.00	Pcs	7,506.00
3. TRIPOD SIMPLEX STAND	9620	18%	1 Pcs	3,800.00	Pcs	3,800.00
4. CAM LINK 4K CAPTURE CARD	90189044	18%	1 Pcs	18,000.00	Pcs	18,000.00
5. HP WIRED HEADSET	85183000	18%	1 Pcs	1,399.00	Pcs	1,399.00
<b>Total</b>						<b>1,54,238.00</b>
<b>CGST</b>						<b>13,881.42</b>
<b>SGST</b>						<b>13,881.42</b>
<b>Less: Rounding Off</b>						<b>(-)0.84</b>
<b>Total</b>						<b>1,82,000.00</b>

Amount Chargeable (in words)  
Indian Rupees One Lakh Eighty Two Thousand only.

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
	1,54,238.00	9%	13,881.42	9%	13,881.42	27,762.84
<b>Total</b>	<b>1,54,238.00</b>		<b>13,881.42</b>		<b>13,881.42</b>	<b>27,762.84</b>

Tax Amount (in words): Indian Rupees Twenty Seven Thousand Seven Hundred Sixty Two and Eighty Four paise Only

*Recd. & Above*

*16.6*


**Declaration:**  
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

*S. S. S.*

**PRINCIPAL**

**Company's Bank Details**  
 Bank Name : HDFC CA5901  
 A/c No : 04262000005901  
 Branch & IFS Code : Kakinada & HDFC0002388  
 For Krishna Digital Color Lab and Studio

ADITYA ENGINEERING COLLEGE




ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437

This is a Computer Generated Invoice

**ADITYA ENGINEERING COLLEGE**  
**SURAMPALEM - 533 437**



<b>RIGHT SOLUTIONS</b> <b>Company's GSTIN :37CLFPK8707G1ZW</b>  # 26-13-18, Sanyasi Raju Street, Ghandhinagar, Vijayawada – 520 003, Mobile : 9515962116, 7672020878 E-Mail id : rightsolutions375@gmail.com			Invoice No. 11		Dated: 06-07-2020			
			Delivery note:		Mode/Terms of Payment			
			Supplier's Ref.		Other Reference(s)			
			Buyer's Order No. AEC/A-50/PO/2020-21/4227		Dated 11-Apr-2020			
			Dispatch Document No		Dated			
<b>Buyer</b>  <b>ADITYA ENGINEERING COLLEGE.</b> Aditya Nagar, Surampalem, ADB Road, E, AP - 533 437.			Dispatch Through		Destination			
			Terms of Delivery					
Description of Goods			HSN/SAC	GST Rate	Quantity	Rate	Per	Amount
1.SONY MEMORY CARD			85238030	18%	1	1,800.00	1	1,800.00
2.CAM LINK 4K CAPTURE CARD			90189044	18%	1	19,007.00	1	19,007.00
3. ADOBE PREMIERE PRO SOFTWARE			85238020	18%	1	17,600.00	1	17,600.00
4.PANASONIC AG-CXBD CAMCORDER			85258020	18%	2	1,25,000.00	1	2,50,000.00
5. MAXHUB E SERIES 65" INTERACTIVE PANEL			84715000	18%	3	1,72,000.00	1	5,16,000.00
4K Ultra HD LED Interactive Panel 65" 4K Infrared Touch with Greater Viewing Angle Brightness:350 Nits Contrast Ratio 1200:1 2x12 W Speakers Less Power Consumption With Android 8.0 with 4GB ,32GB As well As Inbuilt OPS Core i5 8th Generation Processor with 8GB RAM 128GB SSD With Windows 10 Preloaded Warranty THREE Years Connectivity .3x HDMI In 2x Touch USB, 4x Android USB 4xPC USB 1xVGA In, 1xAudio In 1x Audio Out, LAN RS 232								
Total								8,04,407.00
CGST								72,396.63
SGST								72,396.63
Less: Rounding Off								(-)0.26
Total					8			9,49,200.00
Amount Chargeable (in words) Indian Rupees Nine Lakh Forty Nine Thousand Two Hundred only.								
HSN/SAC		Taxable Value	Central Tax		State Tax		Total	
			Rate	Amount	Rate	Amount	Tax Amount	
		8,04,407.00	9%	72,396.63	9%	72,396.63	1,44,793.26	
Total		8,04,407.00		72,396.63		72,396.63	1,44,793.26	
Tax Amount (in words) Indian Rupees One Lakh Forty Four Thousand Seven Hundred Ninety Three and Twenty Six Paise Only								
<i>Received Above Invoice</i>					Account Details : Right solutions A/c No: ICICI Bank 630605119497 IFSC Code : Icici0006306 Branch: Benz Circle, Vijayawada			
<b>Company's GSTIN :37CLFPK8707G1ZW</b>  <u>Declaration:</u> We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.					For Right Solutions   Authorized Signatory			

This is a Computer Generated Invoice

PRINCIPAL

**ADITYA ENGINEERING COLLEGE**  
**SURAMPALAM - 533 437**

PRINCIPAL

**ADITYA ENGINEERING COLLEGE**  
**SURAMPALAM - 533 437**



## INVOICE /TAX INVOICE

(Original)

<b>KHUSHAL ENTERPRISES</b>  #59-4, Brindavan street area, Venkat nagar, Bhanugudu, Kakinada. Cell: 07569690077 Email: khushalmulti@gmail.com	Invoice No. 1204	Dated: 23-09-2020
	Delivery note	Mode/Terms of Payment
	Supplier's Ref.	Other Reference(s)
	Buyer's Order No. AEC/A-50/PO/2020-21/4244	Dated 12-Aug-2020
	Dispatch Document No	Dated
Buyer	Dispatch Through	Destination
ADITYA ENGINEERING COLLEGE. Aditya Nagar, Surampalem, ADB Road, East Godavari District, AP - 533 437.		Terms of Delivery

Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	Per	Amount
1. LENOVO THINK STATIONS i3 8TH GEN/ 8GB RAM/ 250GB SSD USB Normal Keyboard 104 Keys USB 2BTN Scroll Mouse Lenovo 18.5" Monitor	8471	18%	2 Nos	35,000.00	No	70,000.00
2. SONY MEMORY CARD	85238030	18%	1 Nos	1,800.00	no	1,800.00
3. SEAGATE HARD DISKS 2TB	84717020	18%	2 Nos	5,700.00	no	11,400.00
4. AHUJA WIRELESS MIC SET	85251050	18%	1 Nos	6,461.00	no	6,461.00
Total			6 Nos			1,05,800.00
Total						89,661.00
CGST						8,069.49
SGST						8,069.49
Rounding Off						0.02

Amount Chargeable (in words)  
Indian Rupees One Lakh Four Thousand Eight Hundred only.

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
	89,661.00	9%	8,069.49	9%	8,069.49	16,138.98
Total	89,661.00		8,069.49	9%	8,069.49	16,138.98

Tax Amount (in words) : Indian Rupees Eighty Nine Thousand Six Hundred and Sixty One Only

*Received by  
M/s. L*

## Company's Bank Details

Bank Name : Axis Bank 6385  
 A/c No : 076010200006385  
 Branch & IFS Code : MAINROAD & UTIB0000076

Company: GSTIN/UIN: 38DXPC8761R2XB

## Declaration:

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

PRINCIPAL

ADITYA ENGINEERING COLLEGE

For KHUSHAL ENTERPRISES



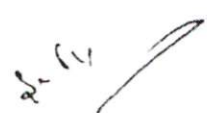
ADITYA ENGINEERING COLLEGE  
 SURAMPALAM - 533 437

# Tax Invoice

<b>Necx Business Solutions Pvt. Ltd.</b> 4th Floor, Lumbini Jewel Mall, Road No.2 Banjara Hills Hyderabad GSTIN/UIN: 36AAFCN6309R1ZU State Name : Telangana, Code : 36	Invoice No. <b>80</b>	e-Way Bill No.	Dated <b>29-Apr-2021</b>
	Delivery Note		Mode/Terms of Payment
	Supplier's Ref.		Other Reference(s)
	Buyer's Order No. <b>aec/a-50/po/2021-22/4340</b>		Dated <b>08-Mar-2021</b>
	Despatch Document No.		Delivery Note Date
Buyer <b>Aditya Engineering College</b> Srinagar Kakinada-3 East Godavari Dist State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh	Despatched through		Destination
	Terms of Delivery		

Sl No	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	0365ProPlusOpenFacultyShrdSvr ALNG Subs	997331	5 NOS	1,211.67	NOS		6,058.35
2	IntuneOpenFclyShrdSvr ALNG SubsVL OLV	997331	5 NOS	555.00	NOS		2,775.00
3	WINEDUperDVCALNG UpgrdSAPk OLV E 1YAc	997331	5 NOS	1,343.00	NOS		6,715.00
4	WinSvrSTDCoreALNG LicSAPk OLV 2Lic E 1Y	997331	16 NOS	484.00	NOS		7,744.00
	<b>CSP SALES</b>	997331					23,292.35
	0365A3F OFFICE 365 A3 FOR FACULTY NOS X 2580						3,87,000.00
	<b>CSP SALES</b>	997331					60.00
	0365 A3 STUDENTS 6000 NOS						
	<b>CSP SALES</b>	997331					3,07,125.00
	WIND 10 A3 FACULTY 175 NOS X 1755						

continued ...

  
**PRINCIPAL**  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALEM - 533 437**

**PRINCIPAL**  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALEM - 533 437**



## Tax Invoice(Page 2)

Necx BusinessSolutions Pvt. Ltd. 4th Floor ,Lumbini Jewel Mall, Road No.2 Banjara Hills Hyderabad GSTIN/UTN: 36AAFCN6309R1ZU State Name : Telangana, Code : 36	Invoice No. <b>80</b>	e-Way Bill No.	Dated <b>29-Apr-2021</b>
	Delivery Note		Mode/Terms of Payment
	Supplier's Ref.		Other Reference(s)
	Buyer's Order No. <b>aec/a-50/po/2021-22/4340</b>		Dated <b>08-Mar-2021</b>
Buyer Aditya Engineering College Srinagar Kakinada-3 East Godavari Dist State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh	Despatch Document No.		Delivery Note Date
	Despatched through		Destination
	Terms of Delivery		

Sl No	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
	<b>CSP SALES</b> WIND 10 ENT A3 FOR STUDENTS 7000 NOS	997331					70.00
	<b>CSP SALES</b> WIN SVRSTDCORE ALNG LICSA PK OLV 2LIC E 1 YR ACDMC AP CORELIC 16 NO X 505	997331					8,080.00
	<b>CSP SALES</b> Microsoft LASS 1 Yr Subscription 1 Yr x 60000	997331					60,000.00
	<b>CSP SALES</b> Microsoft Azure Usage	997331					1,79,420.65
	<b>CSP SALES</b> Azure Dev Tools for Teaching 1 Yr	997331					43,875.00
	<b>CSP SALES</b> O365A1s for Students 20000 Nos	997331					200.00

continued ...

PRINCIPAL  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALEM - 533 437**

PRINCIPAL  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALEM - 533 437**



# Tax Invoice(Page 3)

<b>Necx BusinessSolutions Pvt. Ltd.</b> 4th Floor ,Lumbini Jewel Mall, Road No.2 Banjara Hills Hyderabad GSTIN/UTIN: 36AAFCN6309R1ZU State Name : Telangana, Code : 36	Invoice No. <b>80</b>	e-Way Bill No.	Dated <b>29-Apr-2021</b>
	Delivery Note		Mode/Terms of Payment
	Supplier's Ref.		Other Reference(s)
	Buyer's Order No. <b>aec/a-50/po/2021-22/4340</b>		Dated <b>08-Mar-2021</b>
<b>Buyer</b> Aditya Engineering College Srinagar Kakinada-3 East Godavari Dist State Name : Andhra Pradesh, Code : 37 Place of Supply : Andhra Pradesh	Despatch Document No.		Delivery Note Date
	Despatched through		Destination
	Terms of Delivery		

Sl No	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
	<b>OUT PUT IGST</b>						<b>1,81,642.14</b>
Total			<b>31 NOS</b>				<b>₹ 11,90,765.14</b>

Amount Chargeable (In words)

E. & O.E

**INR Eleven Lakh Ninety Thousand Seven Hundred Sixty Five and Fourteen paise Only**

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
997331	10,09,123.00	18%	1,81,642.14	1,81,642.14
Total	10,09,123.00		1,81,642.14	1,81,642.14

Tax Amount (in words) : **INR One Lakh Eighty One Thousand Six Hundred Forty Two and Fourteen paise Only**

Company's PAN

: AAFCN6309R

PRINCIPAL

PRINCIPAL

Declaration

We declare that this invoice shows the actual price of goods described and that all particulars are true and correct

**ADITYA ENGINEERING COLLEGE SURAMPALEM - 533 437**

Authorised Signatory

This is a Computer Generated Invoice