ఆంధ్రప్రదేశ్ आन्ध्र प्रदेश ANDHRA PRADESH

DB 292254

Sl.No. .....5066.... Date: ..16:01:2022

Sold to : .....Tupakula Ashok...S/o.Subbaramaiah, Registrar,
AKNU, Rajahmundary

For Whom : .....Sale.....

I T.ASHOK, Registrar, Adikavi Nannaya University, son of T. Subbaramaiah aged 42 Years and, resident of Rajamahendravaram in connection with our extension of application for 2022-2023 made to AICTE for, 1.I/We will abide by all terms and conditions as laid down in the Approval Process Handbook;

Do here by solemnly affirm, state and declare as under:

1. That the information given by T.ASHOK in the application made to AICTE is true and complete. Nothing is false and no information/ material has been concealed;

2. That the Institution is functioning in the location as approved by the Council;

3. That the Institution has uploaded the Occupancy/Completion Certificate/Building License/Form D issued by the Competent Authority and the Structural Stability Certificate by the Competent Authority;

4. That the Adikavi Nannaya University runs the following other Institutions in the same Campus; Total Built-Up Are available

ATTESTED

M.A. BASHA
ADVOCATE & NOTARY PUBLIC
D.No. 10-91, Velamaputu,
GOKAVARAM, E.G.Dist., A.P.
Cell: 9866594428

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt., A.P. India

Name of the Institution	Programmes/Courses Offered	Approved by AICTE or Not
University College of Science and Technology	11 Departments offering 12 M.Sc and Ph.D Courses	UGC Approved
University College of Arts and Commerce	8 Departments offering 9 Courses in Management Studies, Humanities and Social Sciences	UGC Approved
University College of Education	Department of Education	National Council for Teacher Education (NCTE)

5. That the Institution has uploaded valid Fire Safety Certificate issued by the Competent Authority;

6. That Principal of the Institution is regular and qualified as per AICTE norms;

7. That the Faculty norms as well as Faculty: Student ratio is maintained as per Approval Process Handbook and the Faculty data uploaded is true and complete;

8. That the Institution has fulfilled the norms for Faculty and Infrastructural facilities for Reinstatement of "Reduction in Intake";

9. That the Promoter/ Institution has not demanded/ retained the Original Degree Certificates from the Faculty members;

10. That the declaration, information and documents submitted/uploaded as per **Appendix 16/17** of the Approval Process Handbook with regard to Land, Built-up area (Instructional area, Administrative area and Amenities area) and other Infrastructure therein where the letter of approval/ Extension of Approval is sought for University College of Engineering is true, complete and nothing is false;

11. That the Land is contiguous, there is no dispute pertaining to the said Land and is free from all encumbrances;

12. That if any of the information is found to be false, incomplete, misleading and/ or that the University College of Engineering fail(s) to disclose all the information and/ or suppress any information and/ or misrepresent the information, the Council shall also be free to take any action, including Withdrawal of Approval and/or any other action as deemed fit against the REGISTRAR, Adikavi Nannaya University and others as the case may be and/ or the individuals associated with the Institution Adikavi Nannaya University;

13. That the Land/Built-up area details given below in the Table are true and complete;

Sl. No	Name of the Deed Holder	Document No. Date of Registration	Plot No.	Address (Village) District	Area in Acre
1	The Registrar	Handing over certificate dated 18-11-2010	480	Velugubanda, East Godavari District, Andhra Pradesh	Acres 5.92 cts
2	The Registrar	Handing over certificate dated 18-11-2010	474/1A5	Velugubanda, East Godavari District, Andhra Pradesh	Acres 3.11 cts
		Total Area in Acre			Acres 9.03 cts

Room No.	Room Type (Mention Class Room/Laboratory / Toilet, etc.)	Carpet Area (in m²)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
Administrative Area					
101,102	Principal Directors Office	49.86	In Progress	In Progress	In Progress
103,104	Exam Control Office	40.98	In Progress	In Progress	In Progress
105,106,107	Board Room	72.36	In Progress	In Progress	In Progress
109	Placement Office	33.78	In Progress	In Progress	In Progress
110	Pantry for Staff	21.6	In Progress	In Progress	In Progress
111	Cabin for Head of Dept	21.6	In Progress	In Progress	In Progress
112	Faculty Room	21.6	In Progress	In Progress	In Progress
113	Faculty Room	21.6	In Progress	In Progress	In Progress
130	Faculty Room	21.6	In Progress	In Progress	In Progress
131	Faculty Room	21.6	In Progress	In Progress	In Progress
132	Faculty Room	21.6	In Progress	In Progress	In Progress
133	Cabin for Head of Dept	33.78	In Progress	In Progress	In Progress
135	Central Store	18	In Progress	In Progress	In Progress
136	Security	10	In Progress	In Progress	In Progress
137	House Keeping	18	In Progress	In Progress	In Progress
138	Maintenance	18	In Progress	In Progress	In Progress
141	Cabin for Head of Dept	31.56	In Progress	In Progress	In Progress
201,202	Cabin for Head of Dept	49.86	In Progress	In Progress	In Progress
209	Exam Control Office	40.98	In Progress	In Progress	In Progress
210	Faculty Room	21.6	In Progress	In Progress	In Progress
211	Faculty Room	21.6	In Progress	In Progress	In Progress
212	Faculty Room	21.6	In Progress	In Progress	In Progress
213	Faculty Room	21.6	In Progress	In Progress	In Progress
230	Faculty Room	21.6	In Progress	In Progress	In Progress
231	Faculty Room	21.6	In Progress	In Progress	In Progress
232	Faculty Room	21.6	In Progress	In Progress	In Progress
233	Exam Control Office	33.78	In Progress	In Progress	In Progress
238	Central Store	18	In Progress	In Progress	In Progress
241	Cabin for Head of Dept	31.56	In Progress	In Progress	In Progress
OIC-1	Office All Inclusive	150	In Progress	In Progress	In Progress
OIC-2	Office All Inclusive	150	In Progress	In Progress	In Progress

			Amenities Area		
107	Toilet	21.6	Ready	Ready	Ready
108	Toilet	36	In Progress	In Progress	In Progress
109	Toilet	21.6	Ready	Ready	Ready
114	Toilet	21.6	In Progress	In Progress	In Progress
115	Boys Common Room	55.56	In Progress	In Progress	In Progress
126	Toilet	34.2	In Progress	In Progress	In Progress
127,128,129	Girls Common Room	63	In Progress	In Progress	In Progress
134	Toilet	36	In Progress	In Progress	In Progress
136	First aid cum Sick Room	20	In Progress	In Progress	In Progress
207	Girls Common Room	55.56	Ready	Ready	Ready
208	Toilet	36	In Progress	In Progress	In Progress
209	Boys Common Room	55.56	Ready	Ready	Ready
214	Toilet	21.6	In Progress	In Progress	In Progress
215	Boys Common Room	55.56	In Progress	In Progress	In Progress
226	Toilet	34.2	In Progress	In Progress	In Progress
227,228,229	Girls Common Room	63	In Progress	In Progress	In Progress
234	Toilet	36	In Progress	In Progress	In Progress
238	Stationary Store	18	In Progress	In Progress	In Progress
307	Toilet	21.6	Ready	Ready	Ready
309	Toilet	21.6	Ready	Ready	Ready
C-1	Cafeteria	150	Ready	Ready	Ready
			Instructional Area		
103	Class Room	83.03	Ready	Ready	Ready
104	Class Room	83.03	Ready	Ready	Ready
105	Laboratory	382.82	Ready	Ready	Ready
116	Laboratory	123.45	In Progress	In Progress	In Progress
117	Class Room	83.03	In Progress	In Progress	In Progress
118	Class Room	83.03	In Progress	In Progress	In Progress
119A	Laboratory	90.45	In Progress	In Progress	In Progress
119B	Tutorial Room	33	In Progress	In Progress	In Progress
120	Class Room	83.03	In Progress	In Progress	In Progress
121	Class Room	83.03	In Progress	In Progress	In Progress
122	Laboratory	123.45	In Progress	In Progress	In Progress
123	Class Room	83.03	In Progress	In Progress	In Progress
124	Class Room	83.03	In Progress	In Progress	In Progress
125	Laboratory	123.45	In Progress	In Progress	In Progress
139,140	Tutorial Room	36	In Progress	In Progress	In Progress
142	Laboratory	93.73	In Progress	In Progress	In Progress
144	Class Room	83.03	In Progress	In Progress	In Progress
145	Class Room	83.03	In Progress	In Progress	In Progress
146	Class Room	83.03	In Progress	In Progress	In Progress

147	Class Room	83.03	In Progress	In Progress	In Progress
148A	Laboratory	66	In Progress	In Progress	In Progress
149A	Laboratory	66	Ready	Ready	Ready
149B	Laboratory	66	Ready	Ready	Ready
201	Laboratory	123.45	Ready	Ready	Ready
203,204	Tutorial Room	33.78	Ready	Ready	Ready
205	Laboratory	382.82	Ready	Ready	Ready
205,206,207	Laboratory	72.36	Ready	Ready	Ready
216A	Laboratory	66	Ready	Ready	Ready
216B	Laboratory	66	Ready	Ready	Ready
217	Class Room	83.03	Ready	Ready	Ready
218	Class Room	83.03	Ready	Ready	Ready
219	Laboratory	123.45	Ready	Ready	Ready
220	Class Room	83.03	Ready	Ready	Ready
221	Class Room	83.03	Ready	Ready	Ready
222	Laboratory	123.45	Ready	Ready	Ready
223	Class Room	83.03	Ready	Ready	Ready
224	Class Room	83.03	Ready	Ready	Ready
225	Laboratory	123.45	Ready	Ready	Ready
235,236,237	Laboratory	116.4	Ready	Ready	Ready
239,240	Tutorial Room	36	Ready	Ready	Ready
242,243	Seminar Hall	192.47	Ready	Ready	Ready
246	Laboratory	83.02	Ready	Ready	Ready
247A	Drawing Hall	132	Ready	Ready	Ready
248A	Class Room	71.75	Ready	Ready	Ready
249A	Class Room	71.75	Ready	Ready	Ready
301	Laboratory	123.45	Ready	Ready	Ready
AB116	Laboratory	64.6	Ready	Ready	Ready
AB118/A	Class Room	42.38	Ready	Ready	Ready
AB118/C	Class Room	44.04	Ready	Ready	Ready
AB219/A	Class Room	42.38	Ready	Ready	Ready
AB219/B	Class Room	18.57	Ready	Ready	Ready
AB219/C	Tutorial Room	44.04	Ready	Ready	Ready
AB317	Seminar Hall	165	Ready	Ready	Ready
AB-S1	Seminar Hall	132	Ready	Ready	Ready
W-1	Workshop	382.82	Ready	Ready	Ready
W-2	Workshop	382.82	Ready	Ready	Ready
W1,W2	Additional Workshop	200	Ready	Ready	Ready
143	Language Laboratory	123.45	Ready	Ready	Ready
244,245	Computer Center	166	Ready	Ready	Ready
Library	Library & Reading Room	400	Ready	Ready	Ready

4. That I have submitted/uploaded all the additional documents/information regarding resolution/ NOC's/ Certificates/ details of Building completion (partial/full) in AICTE Web-Portal in respect of our application (as applicable) and the same is true and complete;

15. That I have uploaded the details of faculties, Administrative and support Staff and also have uploaded the latest salary sheet with details such as pay scale, gross pay, PF deduction and TDS, the same is true and complete;

16. That I have uploaded all the student data of the previous year and the same is true and complete;

17. That no students have been admitted without the approval of concerned regulatory bodies;

18. That the financial transactions have been done only by digital payment;

19. That liabilities, if any, arise out of Change of Site/ Location shall solely be that of Adikavi Nannaya Univesity;

20. That liabilities if any, arise out of Change in the Name of the Course(s)/ Merger of the Courses/ Reduction in Intake/ Closure of Programme(s)/ Course(s)/ Change of affiliating University/ Board shall solely be that of Adikavi Nannaya University;

21. That Audited statement of accounts of the Adikavi Nannaya University for the previous year has been uploaded;

22. That all Faculty and all non-teaching Staff data and all student data of all years and all Course(s), as entered by the Head of the Institution as per the prescribed Format on the Web-Portal are correct;

23. That the Sports facilities are provided to the students;

24. That the Internal Quality Assurance Cell as per Appendix 6 of the Approval Process Handbook before commencement of the Academic Session 2021-22 in respect of 1-7427986041, University College of Engineering, Velugubanda, Rajanagaram Mandal, Rajamahendravaram,533296, Andhra Pradesh State, India is constituted (in case of existing Institutions)/ will be constituted (in case of new Technical Institutions);

25. That the following Committees as per Appendix 6 of the Approval Process Handbook before commencement of the Academic Session 2021-22 in respect of 1-7427986041, University College of Engineering, Velugubanda, Rajanagaram Mandal, Rajamahendravaram,533296, Andhra Pradesh State, India are constituted (in case of existing Institutions)/will be constituted (in case of new Technical Institutions); and

- Establishment of Anti Ragging Committee (As per All India Council for Technical Education notified Regulation for prevention and prohibition of ragging in AICTE approved Technical Institutions vide No. 37-3/ Legal/ AICTE/ 2009 dated 01.07.2009)

- Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University. (As per All India Council for Technical Education (Redressal of Grievance of Students) Regulation, 2019 vide F.No.1-101/PGRC/AICTE/Regulation/2019 dated 07.11.2019)

Establishment of Internal Complaint Committee (ICC) (As per Section 4 All India Council for Technical Education (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutions) Regulations, 2016

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296
E.G.Dt., A.P., India

Establishment of Committee for SC/ ST (As per the Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act, 1989, No. 33 OF 1989, dated11.09.1989)

26. That, the Institution undertakes to submit that all the employments in the Institution shall be as per the norms of the existing Labour Law and the payments shall be as per the provisions of the Minimum Wages Act of State/ Central Government.

Name of the authorized person executing the undertaking along with his/her Official Position)
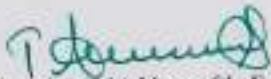
(SEAL) DEPONENT(s)

VERIFICATION

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296

I **T.ASHOK**, the above named deponent(s) do hereby verify that the facts stated in the above Affidavit are true to my knowledge. No part of the same is false and no material has been concealed there from.

Verified at Rajamahendravaram on this the 27-04-2022.

(Name, Designation and Address of the Executants)

(SEAL)

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296
E.G.Dt., A.P., India

DEPONENT(s)

Solemnly affirmed and signed before me by the deponent on this 27 day of 4 month, 2022 at my office.

(Judicial First Class Magistrate/ Notary Public/ Oath Commissioner)

ATTESTED

M.A. BASHA
ADVOCATE & NOTARY PUBLIC
D.No. , Velampeta,
GORAVARAM. E.G.Dist., A.P,
Cell: 9866594428

ADIKAVI NANNAYA UNIVERSITY : : RAJAHMUNDRY-533296

Dr. N. Udaya Bhaskar, MBA. M.Phil., Ph.D.
Asst. Dean, Student Affairs

Mail: dsa.aknu@gmail.com
Ph: 9490450510
Mobile Office: 9182301625

15-03-2022

CIRCULAR

As part of the Anti-Ragging measures the University authorities formed an Anti-Ragging Squad with the teaching staff members. The Squad should go for sudden visits to the hostels and sign in the hostel student's attendance register with date and time, the schedule is as follows.

A sudden visit schedule to Boys Hostel in between 6.00 PM to 10.00 PM. (List enclosed)

A sudden visit schedule to Girls Hostel between 6.00 PM to 10.00 PM. (List enclosed)

Duties of Anti-Ragging Squad:

5. The squad will closely monitor senior students behavior with Juniors

6. The squad will strive to create a congenial atmosphere between seniors and juniors in the hostels

7. The squad will counsel the senior students regarding AP Prohibition of Ragging act, 1997(Act 26 of 1997) and the punishment to those involved in Ragging

8. The squad will also monitor any indiscipline among students, if found will immediately inform to Anti-Ragging committee or University authorities

(Dr.N.UDAYA BHASKAR)

Copy to:

17. Principal, University college of Arts and Commerce
18. Principal, University college of Science and Technology
19. Principal, University college of Engineering
20. Principal, University college of Education
21. Warden, University Boys Hostel
22. Warden, University Girls Hostel
23. PA to Registrar
24. PS to VC

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING

AICTE APPROVED & ISO CERTIFIED

RAJAMAHENDRAVARAM

About University College of Engineering

University College of Engineering (UCE) is established in 2016 as a constituent college of Adikavi Nannaya University to cater to the growing demand for technical education. The University College of Engineering is **AICTE Approved** and **ISO Certified**. 800+ Students pursue their education in UCE.

Programs Offered

The College of Engineering offers Engineering courses at UG, PG and PhD levels. Bachelors and Post Graduate programs are offered in the following domains

BTECH COMPUTER SCIENCE AND ENGINEERING (CSE)	30 SEATS
BTECH ELECTRONICS AND COMMUNICATIONS ENGINEERING (ECE)	30 SEATS
BTECH ELECTRONICS AND INSTRUMENTATION ENGINEERING (EIE)	30 SEATS
BTECH MECHANICAL ENGINEERING (ME)	30 SEATS
BTECH CIVIL ENGINEERING (CE)	30 SEATS
MASTERS IN COMPUTER APPLICATIONS (MCA)	45 SEATS

* 10% seats will be allotted over the sanctioned intake of 30 for EWS reservation

EAMCET CODE: ANURSF   **ICET CODE: AKNU**

Why University College of Engineering?

- **Stress free and student centric approach** to education offering **wide academic exposure**
- **Qualified and experienced faculty** who guide the students in multiple facets of academics.
- **Flexible curriculum** with multiple options for electives for **a diverse learning experience**.
- **Vibrant Campus Life** with academic, cultural and sports events.
- **strong infrastructure** with **multiple labs and workshops** over **100 acres campus**
- **In-Campus Hostels**, **Ragging Free Campus & Free Unlimited Wi-Fi**
- Creative initiatives for students such as **Student Clubs, Wall Journals, Project Expos, In-house app development initiatives to encourage innovation**

Placement Pathways

CORPORATE JOBS
Multiple options through Placement Drives based on the skillset and competencies of the student

ENTREPRENEURIAL OPPORTUNITIES
Students can and benefit from the start-up culture through various entrepreneurial programs offered by the University

HIGHER STUDIES
Students can explore opportunities for Post-Graduation in Engineering and prepare for entrance examinations such as GATE whilst at the University.

STUDY ABROAD
Students can utilize the in campus training facilities for IELTS, TOEFL and GRE to choose to pursue further studies in foreign.

RESEARCH
Students interested to perform research in their domains can benefit from the knowledge and linkages of the University and University faculty.

GOVERNMENT JOBS
Students can develop their skills and prepare for government jobs through use of Library and e-resources of the University.

VISIT US AT

www.aknu.edu.in
For Enquires principal.ucoe@aknu.edu.in

CONTACT US:

PRINCIPAL'S OFFICE
7093008482
(9:30 AM to 4:30 PM)

VOOLA
PERSIS

CC Cameras
Ladies Hostel
Adikavi Nannaya University
Rajamahendravarm
E.G. Dist, AP - 533296
17° 03' 54.9599"
81° 52' 30.1799"

AKNU Girls Hostel
Google

134
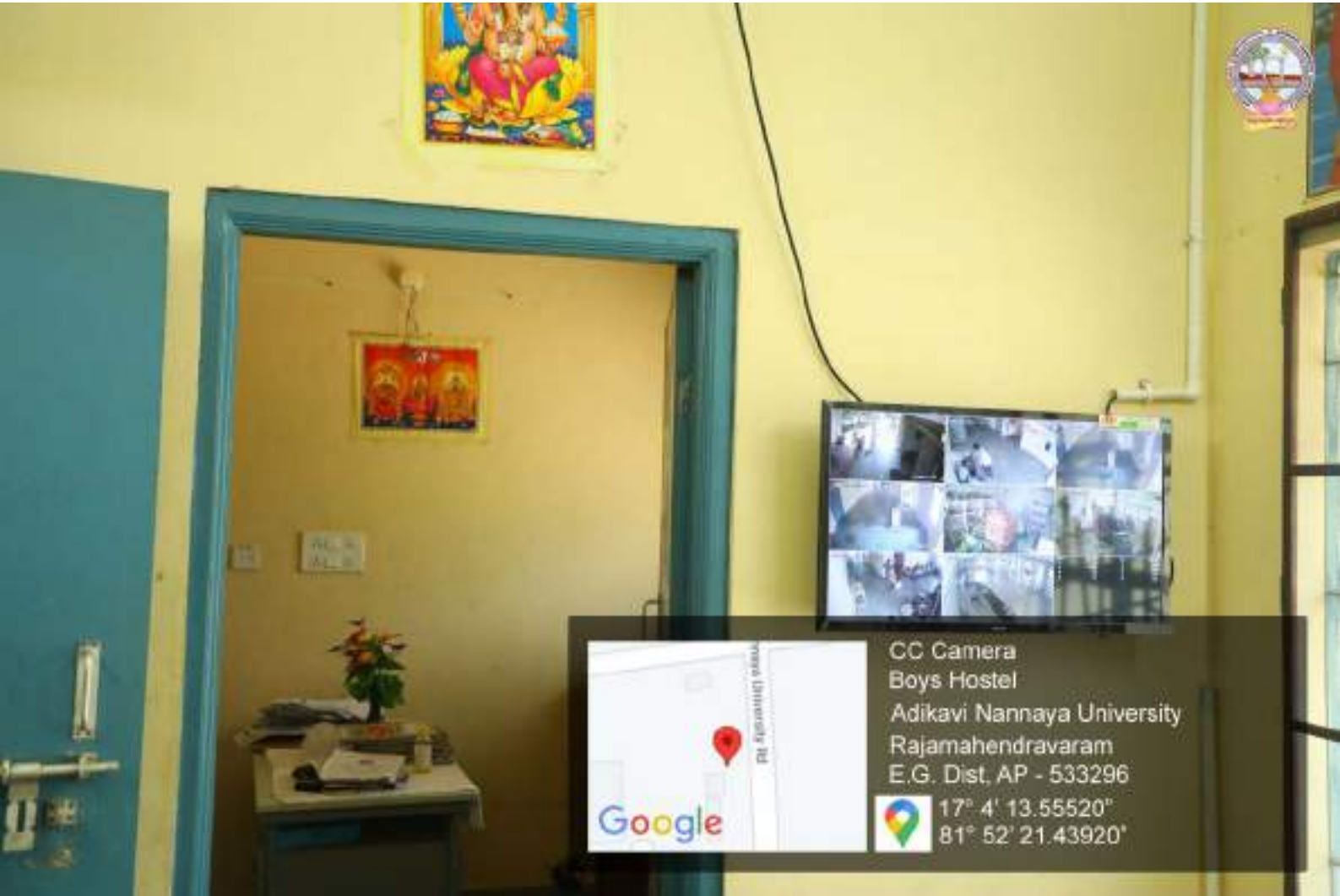
CC Camera
Boys Hostel
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist, AP - 533296
17° 4' 13.55520"
81° 52' 21.43920"

Google

NTR CONVENTION CENTER
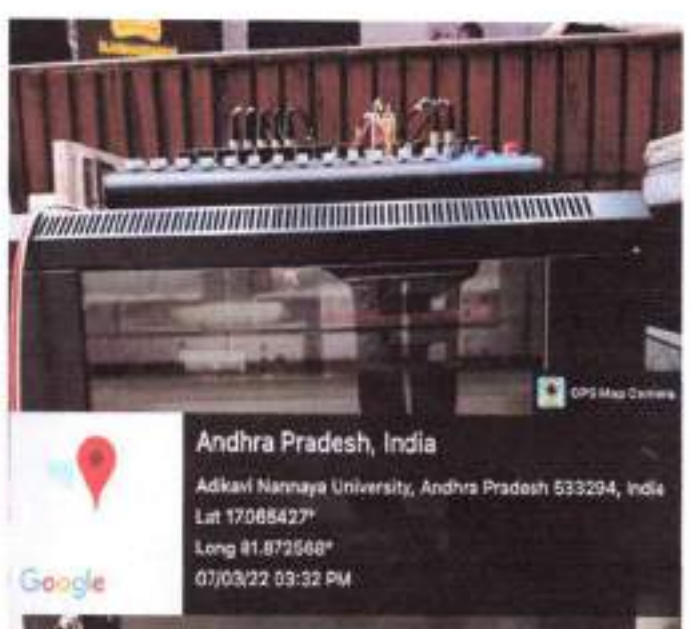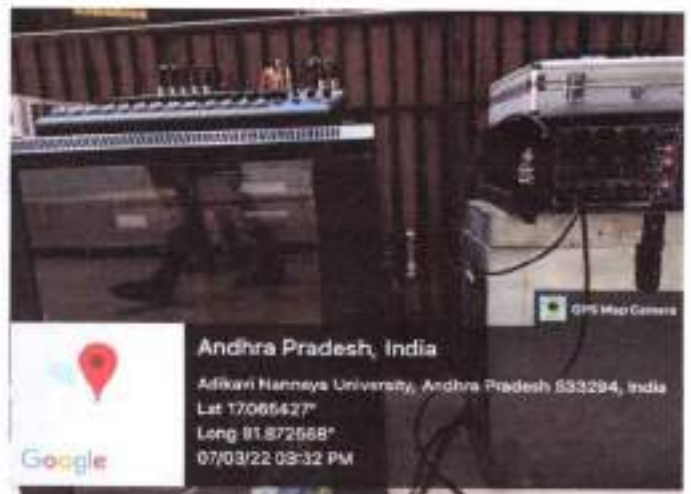
Audio visual system along with mix amplifier, LAN/Wi-Fi, Studio master.

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt. A.P. India

SEMINAR HALL

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh 533294, India
Lat 17.065427°
Long 81.872568°
11/03/22 03:07 PM

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh 533294, India
Lat 17.065427°
Long 81.872568°
11/03/22 03:05 PM

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh
533294, India
Lat 17.065427°
Long 81.872568°
11/03/22 03:08 PM

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh 533294, India
Lat 17.065427°
Long 81.872568°
11/03/22 03:08 PM

Audio visual system along with mix
amplifier, LAN/WIFI.

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt. A.P. India

AUDIO & VIDEO VISUAL SYSTEM

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh 533294, India
Lat 17.065427°
Long 81.872568°
07/03/22 03:01 PM

Ece Department

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh 533294, India
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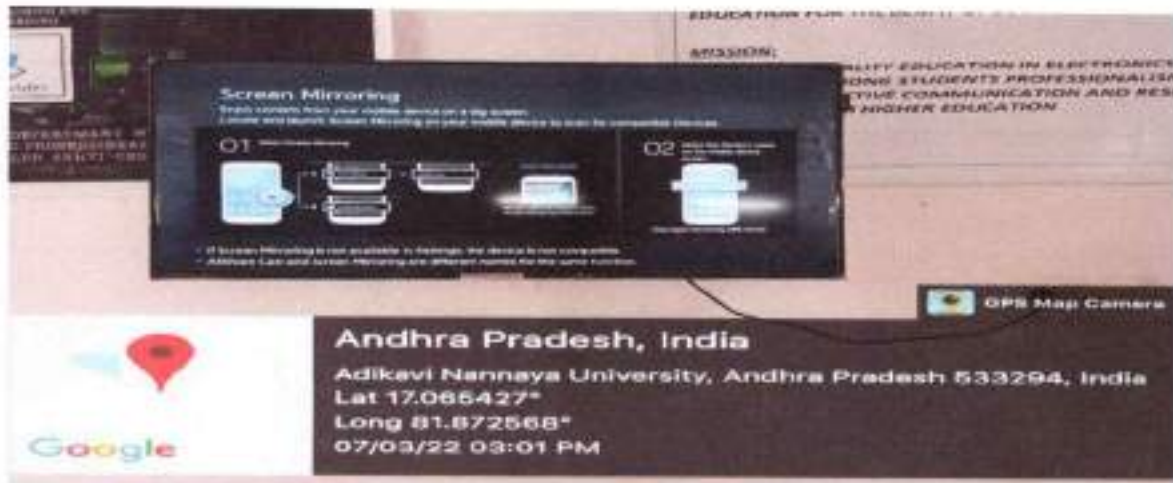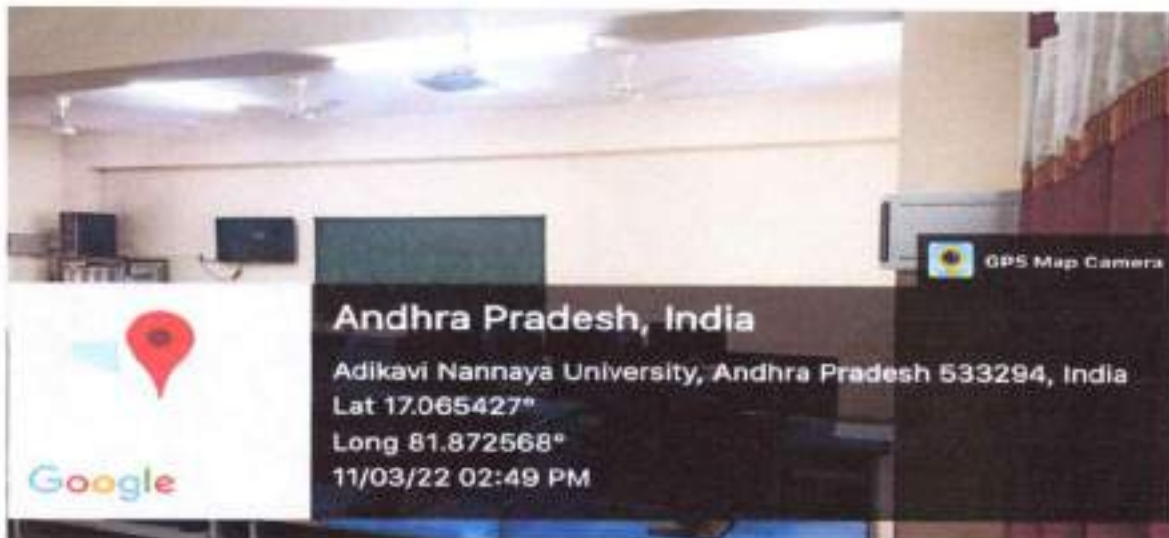
A Block language lab

Andhra Pradesh, India
Adikavi Nannaya University, Andhra Pradesh 533294, India
Lat 17.065427°
Long 81.872568°
08/03/22 11:40 AM
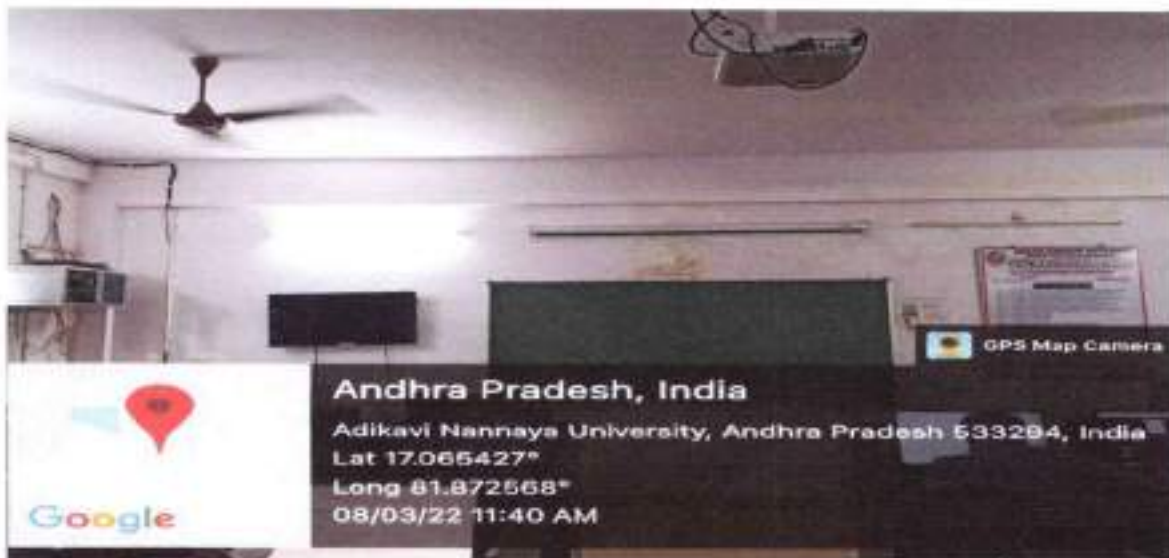
N Block Computer lab

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt. A.P. India

This is to hereby informed that the following B. Tech ECE students are allocated towards counseling during the academic year 2021-2022

Total No: of faculty in the department: 06
Total No: of students in the department: 177

Academic Year 2021-2022

S.No	Name of the Faculty	Student Roll Number	Name of the student	Student Roll Number	Name of the student	Student Roll Number	Name of the student
1.	Mr. A.Vijay Durga	188297603001	ABHAGYALAKSHMI	198297603061	YAMANA PRATHYUSHA	208297603001	ANGIREDDI JAGADEESH
		188297603002	ALLU NIKHILA	198297603062	YELLU JAGADEESH	208297603002	BERA.GANGA BHAVANI
		188297603003	B MERCY GOLD	198297603063	ADARI DEEPTHI AISHWARYA	208297603003	BHUKYA.LEELA LOHITH
		188297603004	B KAMESWARI	198297603064	CHITIKINA PRAVEENA	208297603004	BILLAKURTHI AMULYA RANI
		188297603005	B VANISRI	198297603065	GANDI ASWANI	208297603005	CHEMBULA. MANASA REDDY
		188297603006	CH KARISHMA	198297603066	N DEVI PRIYANKA	208297603006	CHERUKUMALLI KETHAN KUMAR
				198297603067	P SAI KRISHNA SRINIVAS	208297603007	CHINDHADA RAJESH
				198297603068	PALEPU SOWJANYA	208297603008	CHIPPALA MADHU
				198297603069	P PREETHI SUSMITHA	208297603009	CHITIKILA VENKATESH
				198297603070	P RANJITH KUMAR	208297603010	DANGETI VENKATA RATNAKUMAR
				198297603071	T VIJAY KUMAR	208297603011	DONGA PAVAN KUMAR
				198297603072	U NEERAJKUMAR	208297603012	DONTHAMSETTY TEJA VEERA SAI KUMAR
2.	Mr.B.Sudha Kiran	188297603007	D GOVARDHINI	198297603049	S GAYATRI DEVI	208297603013	G N V K CHAITANYA
		188297603008	D SAI ANIL KUMAR	198297603050	T PRASANNA KUMARI	208297603014	G.GOWTHAMI
		188297603009	G KEERTHI KOMAL	198297603051	T RABY	208297603015	I B S TEJASWANI
		188297603010	HEMANTH K	198297603052	T UMA MAHESH	208297603016	JACOB EVANS P
		188297603011	J NITHISH	198297603053	T VENKATESH	208297603017	K LAKSHMI MANASA
		188297603012	K DURGAPRASAD	198297603054	T SAI SANDEEP	208297603018	K TANUJA PAVANI
				198297603055	T ARAVIND	208297603019	K SANTHOSH RAJA
				198297603056	U HARIKA	208297603020	K VESU RATNAM
				198297603057	V SRIDHAR NAIK	208297603021	K ADITYA SAI PAVAN
				198297603058	V SRIYA SARVANI	208297603022	K KALYAN
				198297603059	V GEMINI JAYANTH	208297603023	K JAYANTH RAM
				198297603060	V KARTHIK	208297603024	K VEERA SAI SWAROOP
3.	Mr.B.Krishna	188297603013	K S V S CHATURYA	198297603037	P RAMACHANDRA RAJU	208297603025	M AYYAPPA
		188297603014	K AKASH	198297603038	P P CHANDRA NAIDU	208297603026	M AMRUTHA SAI KUMARI
		188297603015	M RENUKA	198297603039	P SATISH	208297603027	M. LAL KRISHNA
		188297603016	M SUDHA RANI	198297603040	R SWAMY NAIDU	208297603028	M RAMANI SATYA PRIYA
		188297603017	M HEMANTH	198297603041	S CHAKHRA DHARNI	208297603029	M MURALI KRISHNA
		188297603018	M P KUMAR	198297603042	S P SAI SRIKANTH	208297603030	M KEERTHI
				198297603043	S S NARAYANAMMA	208297603031	M SINDHUJA
				198297603044	S MOULI NIKHILA V	208297603032	N BHAGYA RAJU
				198297603045	SHAIK ASHISH NAWAZ	208297603033	N HARI VIJAY RAM GOPAL
				198297603046	SHAIK RAMEEZ A	208297603034	N LAKSHMI SAI DEEPIKA
				198297603047	S NEERAJA	208297603035	N.NEELA VENI
				198297603048	S LAKSHMI NARAYANA	208297603036	N HEMA SRI
4.	Ms.B.Annie Keziah	188297603019	M D S GANAPATHI	198297603028	NOKKI DILEEP JOSHI	208297603037	NOOKATHATTU. LILLY GRACE
		188297603020	M KAVYA SREE	198297603029	NULU MADHU SREE	208297603038	NUKALAMANTHI. HEMA LATHA
		188297603021	P SRIVALLI	198297603030	PADALA JYOTHSNA	208297603039	PAGOTI DINESH
		188297603022	S SOBITH	198297603031	PAKALAPATI GANESH BHUPATHI	208297603040	PATAGOLUSU SURYA SEKHAR GOWTHAM
		188297603023	SK. M R KAREEM	198297603032	PAKKI VINAY	208297603041	PATAMSETTI SANDEEP
		188297603024	U R S V V S KUMAR	198297603033	PALLA NAGA SESHA REDDY	208297603042	PEDADATIRUMALA DEVI
				198297603034	PALLEPOGU NAVEEN	208297603043	PENDYALA PRATHYUSHA
				198297603035	PEKTALA NAVYA	208297603044	PINAPOTHINA VISHNU SAI
				198297603036	PONDALA KIRAN	208297603045	PITHANI DURGA SRI SATYA
						208297603046	PONAJI SAI SANTHOSH PREM KUMAR
						208297603047	PUDI. PRAGNA
						208297603048	RACHIRI PRAVEEN
5.		188297603025	VEMULAPUDI SAI SUSMITHA	198297603013	KANDREGULA KARUNAKUMARI	208297603049	RAMACHANDRUNI SAI VENKATA RAMA GAYATRI
		188297603026	YENUGUPALLI	198297603014	KARE YESWANTH RAJ	208297603050	ROLLA. ASHA JYOTHI

				SRI KANTH		
5	Mr. P Venkata Ratnam	188297603027	B NAVEEN KUMAR	198297603015	KOLLATI MOUNIKA	208297603051	SABBAVARAPU RAJESH
		188297603028	D YAMINI	198297603016	KONETI SATYA DEEPIKA	208297603052	SHAIK REHENA
		188297603029	D LOKESH	198297603017	KOTA JANAKI RAM	208297603053	SHAIK. BASHEER SULTANA
		188297603030	D DURGA BHAVANI	198297603018	KUKKALA DURGA PRAMEELA	208297603054	SHEAK BASHIRA RAFI YUDDIN SAHEB
				198297603019	KUNAPAREDDY DEEPIKA SRI SAI	208297603055	SIDDA V V BHADRAVATHI BHAGYASRI
				198297603020	LINGAM ANAND	208297603056	TENKA ESWARA RAO
				198297603021	MADDURI VYSHNAVI	208297603057	VAKAPALLI HEPSIBA
				198297603022	MANEPALLI MANILA	208297603058	VALLU NIHARIKA
				198297603023	MATTA RAVI CHANDRA	208297603059	VASAMSETTI BHAVANA
				198297603024	MUNGANDA ASHIKA VENCY	208297603060	VELAGADA GAYATRI
6	Mrs N. Santoshi Anil	208297603061	VISHNU VIJAYAKUMAR	198297603001	ADAPUREDDI LOVA RAJU		
		208297603062	YANGALA SWATHI	198297603002	ALLANKA VIJAYA LAKSHMI		
		208297603063	YEPURI PRASANNA KUMAR	198297603003	ANGULURI NAVEEN KUMAR		
				198297603004	ASULA SANJAY		
				198297603005	BANDI DEEPTHI		
				198297603006	CHILUKURI LOHITH		
				198297603007	CHINTHADA HEMANTH		
				198297603008	ELURI REENA MADHURI		
				198297603009	GAMPA SHANMUKHA SRIKAR		
				198297603010	GANDRALA SAHITH VAMSI		
				198297603011	GUDALA ANVESH		
				198297603012	GUDAPATI PRIYANKA		

Principal
University College of Engineering
Adikavi Nannayya University
RAJAHMUNDRY-533 296 (A. P

Course Co-Ordinator
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY

Adikavi Nannaya University:: Rajamahendravaram
University College Engineering
Department of Electronics and Instrumentation Engineering

Mentors list for II B.Tech (2020-21 AB) EIE for the Academic Year 2021-22

Sl. No.	Register Number	Name of the Student	Mentor Name
1	208297602001	ALLAPARTHI VENKATA SATYASAI PHANENDRA	Mr. J. Hanumanthu
2	208297602002	BONU LAKSHMI SOWJANYA	
3	208297602003	DONDAPATI MARTINA JOICY	
4	208297602004	GIRISH KUMAR IMANDI	
5	208297602005	GULLIPALLI SAIKUMAR	
6	208297602006	JANIPALLI ABHINASH	
7	208297602007	KATAKAMSETTI SAI PAVAN	
8	208297602008	KONKIPUDI SRINU	Dr. D. Srinivasarao
9	208297602009	KORAMATI JOHN JEEVAN	
10	208297602010	MANCHIMISETTI MONIKA	
11	208297602011	NANDIKOLLA UMA MAHESHWARI	
12	208297602012	PATCHAVA PAVAN SAI	
13	208297602013	RAJAMAHENDRAVARAPU JAHNAVI	
14	208297602014	SAPPA DHEERAJ	
15	208297602015	SOMIREDDY JAYARAM	
16	208297602016	SRI BHAVANI NAGASAI MOUNIKA VAKA	Dr. D. Kishore
17	208297602017	TANGI.RAMA PRASAD	
18	208297602018	VAKKALAGADDA VIJAY KUMAR	
19	208297602019	VARASALA ESWAR GOWTHAM	
20	208297602020	YAGATI KEERTHANA	
21	208297602021	YEDLA NAVEEN	

Course Coordinator

(Mr. J Hanumanthu)Ordinator
DEPARTMENT OF ELECTRONICS AND
HOD-OF EIE
INSTRUMENTATION ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296

Principal
University College of Engineering
Adikavi Nannayya University
RAJAHMUNDRY-533 296 | A.P

Adikavi Nannaya University :: Rajamahendravaram
University College Engineering
Department of Electronics and Instrumentation Engineering
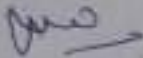
Mentors list for IV B.Tech (2018-19 AB) EIE for the Academic Year 2021-22

Sl. No.	Register Number	Name of the Student	Mentor Name
1	188297602001	BADUGU VINOOTHNA	Mr. J Hanumanthu
2	188297602002	BANDI SAI	
3	188297602003	CHEEMALA SRI MUKESH KUMAR DORA	
4	188297602004	CHERUKUWADA RAGA RUCHITHA	
5	188297602005	CHOWDAM POORNA CHANDRA	
6	188297602006	GOGULA SIVA SHANKAR	
7	188297602007	GOLLAPUDI GANESH	
8	188297602008	GAYATRI SIVANI SUSARLA	
9	188297602009	GORLE VENKATESH	
10	188297602010	HEMANTH DURGA RAM GOPAL AVALA	
11	188297602011	JALLURI RAMYA CHAKRA	
12	188297602012	KAMATAM THARUN KUMAR REDDY	Dr. D. Srinivasarao (From 188297602012 to 188297602022)
13	188297602013	KETIREDDI SAIKUMAR	
14	188297602014	KOLLI SOUMYA	
15	188297602016	MOTAMARRI VINAY	
16	188297602017	MUDRAGALLA VENKATA SIVA SAI RAM	
17	188297602018	MUTYALA BAVANA HARSHITHA	
18	188297602019	NAKKELLA GIRISH	
19	188297602020	SIVAKOTI BHAVESH	
20	188297602021	S V LAKSHMI DURGA MAMILLAPALLI	

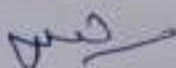|			
21	188297602022	THUTTA VEERENDRA	
22	188297602023	VEMULA SATYA KOMALI	
23	188297602024	CH.NANI	
24	188297602025	K THARUN SAI	
25	188297602026	K DAIVA PRASAD	
26	188297602027	K.PHANI SRIRAM	
27	188297602028	K HARIKA	Dr. D. Kishore (From 188297602023 to 188297602033)
28	188297602029	M.ABBULU	
29	188297602030	P.KALPANA	
30	188297602031	S.GANESH	
31	188297602032	U.HEMA KUMAR	
32	188297602033	V.ANIL	

Course Coordinator

(Mr. J Hanumanthu) Course Co-Ordinator
DEPARTMENT OF ELECTRONICS AND
INSTRUMENTATION ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
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Principal
University College of Engineering
Adikavi Nannayya University
RAJAHMUNDRY-533 296

Registrar Aknu <registrar@akr

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Cc: ce@aknu.edu.in

Sat, Nov 7, 2020

*Consultant - YP3 - HE
@ ap.gov.in* (handwritten)

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DigiLocker Team

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Depository (NAD).

University Registration Status as on 5th Nov 2021 - Andhra Pradesh

S.No	University Name	Institution Type	Status	No of Years Data Uploaded

ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM

No. ANUR/Estt./SIV-61/2019   11.10.2019

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub: ANUR – Estt – SII – Appointment of Assistant Coordinator for P.G. Examinations –
Orders – Issued – Reg.

Ref: 1. Orders of the Vice-Chancellor dated 10.10.2019.

2. Lr. No. Nil, dated 10.10.2019 from Dr. D. Latha, Asst. Professor, Dept. of Computer
Science & Engineering

3. Proc. No. ANUR/Estt./SII-67/2017 dated 21.12.2017

*****

ORDER:

In pursuance of the subject under the references cited, the Vice-Chancellor is pleased to
order that in view of resignation of Dr. D. Latha as Honorary Associate Director of PG
Examinations, **Mrs. P. S. V. Durga Gayatri, Assistant Professor (Ad-hoc),** Dept. of Computer
Science & Engineering be appointed as Assistant Coordinator for P.G. Examinations to look after
the work at PG Examinations, until further orders.

(BY ORDER)

REGISTRAR

To:
Mrs. P. S. V. Durga Gayatri, Asst. Professor (Ad-hoc), Dept. of CSE
Dr. D. Latha, Asst. Professor, Dept. of CSE, UCEngg.
Copy to:
The Controller of Examinations
All the Principals of the University
The Special Officers, AKNU MSN Campus, KKD & TPGudem Campus
The AR (Estt.)
PS to VC,
PA to Rector,
PA to R,
OOF

CFMS Transaction ID : 60031328792022

Amount : ₹2,73,960.00

Status : Transaction Successful and payment posted

Amount in words : Rupees two lakh seventy three thousand nine hundred and sixty Only

Remitters Name: University College of Engineering

Bank Reference No: CPABRHAJJ3

Payment Date: 21/05/2022

Challan No	Service	HOA	District	Treasury	DDO	Amount
61067323062 022	Fee for Renewal NOCs	00706010900810000 00VN	East Godavari	DTO · East Godavari	03011005001	273960

Print APTC Form -1(

Challan Reference Form

GOVERNMENT OF ANDHRA PRADESH

CFMS Transaction ID: **60031328792022**	Valid Upto: **02.06.2022**	
Treasury/PAO Code: **0301**	STO: **DTO-EastGodavari**	
Service :	**1088-Fee for Renewal NOCs**	
Major Head:	**0070**	**Other Administrative Services**
Sub-Major Head:	**60**	**Other Services**
Minor Head:	**109**	**Fire Protection and Control**
Group Sub-Head:	**00**	**Not Applicable**
Sub-Head:	**81**	**Other Receipts**
Detailed Head:	**000**	**Not Applicable**
Sub-Detailed Head:	**000**	**NOT APPLICABLE**
Charged/Voted:	**V**	
Non-Contingency/Contingency:	N	
Amount Rs:	**273960.00**	
Amount In words Rs:	**Two lakh seventy three thousand nine hundred sixty only**	
Purpose:	Fee for Fire Renewal Noc	

Remitter's Name & Address:	University College of Engineering
	Adikavi Nannaya University,Adikavi Nannaya University Campus Rajamahendravaram-533296
Remitter's Mobile Number :	7093008494
DDO Code:	03011005001
	DISTRICT FIRE OFFICE EAST GODAVARI
Status	Payment Pending
Bank Ref No :	CPABRHAJJ3

'Branch Teller: Use SCR 008765 Deposit > Fee Collection > State Bank Collect'

Government of Andhra Pradesh
A.P. State Disaster Response and Fire Services Department
No Objection Certificate for Occupancy

To

Administrative Building Adikavi Nannaya
University Campus Rajamahendravaram-
533296,
East Godavari

File No: 11770/EG/RFO/2020
Date: 18/03/2020

Sir/Madam,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - No Objection Certificate for Occupancy to the existing / newly constructed Multi Storeyed Building (**Adikavi Nannaya University (SCIENCE COLLEGE)) REGISTRAR,Adikavi Nannaya University, Adikavi Nannaya University Campus Rajamahendravaram-533296** - Regarding.

Ref: 1. Online Application Dt. 03-03-2020 , REGISTRAR,Adikavi Nannaya University, Adikavi Nannaya University Campus Rajamahendravaram-533296

2. Online Inspection Report submitted by Officers of this Department on 15-03-2020.

It is to inform that REGISTRAR,Adikavi Nannaya University applied for No Objection Certificate on 03-03-2020 for Occupancy to the existing / newly constructed Multi Storeyed Building for Adikavi Nannaya University (SCIENCE COLLEGE) at Adikavi Nannaya University Campus Rajamahendravaram-533296. The officers of the department have scrutinized the information, documents and plans submitted by the applicant along with the undertaking provided by the applicant, and have submitted the following report.

Adikavi Nannaya University (SCIENCE COLLEGE)

2. The builder has constructed a Non Multi Storeyed Building with Ground Floor + 2 Upper Floors with a height of 11.3 Mtrs for Educational Occupancy (Category - B1) in a total plot area of 378967.9 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder	Remarks
North	6 Meters	34.73 Meters	-Nil-
East	6 Meters	10.69 Meters	-Nil-
South	6 Meters	22.49 Meters	-Nil-
West	3 Meters	9.59 Meters	-Nil-

4. The builder has constructed following means of escape:

Sl	Details of Staircases	Required Nos /Meters as per A.P.B.R	Required based on Floor Area	Provided Nos / Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.5 Meters Each	--	2 Nos. - 1.5 Meters Each	-Nil-
2	External Staircases	Min 1 No. - 1.5 Meters Each	--	2 Nos. - 1.5 Meters Each	-Nil-
	Total	2 Nos.	2 Meters	6 Meters	-Nil-

5. The builder has proposed to provide Occupant Load :

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Fire Doors	Fire Lift	Deficit
1	Ground Floor	3044	Educational – Engineering and Technology	240	243	2.4	4	0	Nil
2	First Floor	3044	Educational – Engineering and Technology	240	243	2.4	4	0	Nil
3	Second Floor	3044	Educational – Engineering and Technology	240	243	2.4	4	0	Nil
4	Terrace Floor	0	Other Non-Occupanices	0	--	--	--	--	Nil
	Total	9132		720	729				

6. The minimum Fire Fighting Installations required as per Table 7 of Part 4 of National Building Code of India 2016 are:

Sl	Fire Safety System	Minimum Required	Provided
1	Fire Extinguishers	93 Nos.	93 Nos.
2	Hose Reel Systems	12 Nos.	12 Nos.
3	Terrace Tank	10000 Ltrs	20000 Ltrs Ltrs
4	Booster Pump	450 LPM	450 LPM
5	Additional Fire Safety measures	NA	MCP 9 No.s

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

Sl.	Floor	Fire Ext.	Hose Reel	Terrace Tank	Booster Pump	Addl
1	Ground Floor	31 /31	4 /4			
2	First Floor	31 /31	4 /4			
3	Second Floor	31 /31	4 /4			
	Total	93 /93	12 /12	10000 Ltrs /20000 Ltrs Ltrs	450 LPM /450 LPM	NA /MCP 9 No.s

- **Provide ABC 5 kg/6 kg fire extinguishers**

8. The Officers of the department have recommended to issue The No Objection Certificate for Occupancy of Non MSB Educational Building (B1) belonging to **REGISTRAR,Adikavi Nannaya University Adikavi Nannaya University Campus Rajamahendravaram-533296**, subject to the following conditions.

Occupancy NOC Conditions :

Sl.	Condition	Complied by the Applicant / Not
1	The permission accorded doesn't confer any ownership rights. If it is found that the information furnished is false and fabricated, the permission will be revoked at any stage and the applicant will be liable for criminal prosecution as per IPC.	No
2	This permission is given based on the information, documents and drawings provided by the applicant. The applicant confirms that the information provided and the documents and drawings submitted electronically are correct. The final approvals of proceedings are subjected to verification of documents by concerned official including site visit. Any deviation noticed will lead to cancellation of NOC.	No
3	Prior approval should be obtained separately for any change of nature of occupancy or change of number of floors or area.	No
4	Structural safety shall be the responsibility of the Owner / Builder / Developer / Architect or Engineer.	No
5	Provide one entry and one exit to the premises with minimum width of 4.5 mts and height clearance of 5.0 mtrs.	No
6	Provide diesel generator of required capacity as alternate source of electric supply.	No
7	Provide emergency lighting in corridors, common passages and staircases.	No
8	The occupant load and occupants per unit exit width and minimum travel distance for occupancy shall be as per clause 4.3 (Table 3), clauses 4.4.2.1, Table 4 Capacity factors, Clauses 4.4.2.1,4.4.2.3(c), 4.4.2.4.2(a) and Table 5 Clauses 4.4.2.1, 4.4.2.2, of part 4-NBC 2016	No
9	The building shall be suitably compartmented so that fire/smoke remain confined to the area where fire incident has occurred and does not spread to the remaining parts of the building as per clause 4.5 Part 4 of National Building Code of India 2016.	No
10	Openings in any separating walls in any floor shall be limited to 5.6 meters in area with maximum height of 2.75 meters. Every wall opening shall be protected with Fire resisting doors having fire rating of not less than 2 hrs. All openings in the floors shall be protected by vertical enclosures extending above and below such openings, the wall of such enclosures having a fire resistance of not less than 2 hrs and all openings there in being protected with a fire resisting assembly Strictly Complying with IS:3614 Part-I 1966 and Clause 3.4.5 of NBC 2016, Part 4. Fire doors should be provided in each floor.	No
11	Illumination of means of Exit in Staircases and Corridors shall be provided with DG Set Electrical Power as per Clause 3.4.7 of Part 4 of NBC of India 2016.	No
12	Smoke Venting facilities for safe use of exits shall be provided as per clause 3.4.8, 4.4.2.5 & 4.6 Part -IV of NBC 2016. Emergency Power Supply shall be provided for smoke venting equipment with DG Supply.	No
13	All Fire Safety Systems shall be provided as per the provisions of Part -4 of NBC of India 2016	No

Sl.	Condition	Complied by the Applicant / Not
14	Levelled hard open spaces as mentioned in the Provisional NOC including 7 meters drive way all around the building for operation of fire vehicles shall be provided.	No
15	Fire doors with 2 hrs Fire Resistance shall be provided at appropriate places along the escape route and particularly at the entrance to the lift lobby, corridors and staircases.	No
16	Ventilation of Staircases shall comply with Clause 4.4.2.5, 4.6 of Part 4 of NBC 2016.	No
17	No Hazardous materials such as Petroleum products, explosives, chemicals etc should be stored on any floor of the building.	No
18	ANNEX-D, part-IV, NBC-2016, D-3 DRILLS : D-3.1 Fire drills shall be conducted, in accordance with the fire safety plan, at least once every three months for building during the first two years. thereafter, fire drills shall be conducted at least once every six months. D-3.2 All occupants of the building shall participate in the fire drill. However, occupants of the building, other than building service employees are not required to leave the floor or use the exits during the drill. D-3.3 A written record of such drill shall be kept on the premises for a three years period and shall be readily available for fire brigade inspection.	No
19	ANNEX-D, part-IV, NBC-2016, D-4 SIGNS AND PLANS D-4.1 Signs at lift Landings A sign shall be posted and maintained in a conspicuous place on every floor at or near lift landing in accordance with the requirements, indicating that in case of fire, occupants shall use the unless instructed otherwise. The sigh shall contain a diagram showing the location of the stairways except that such diagram may be omitted. provide signs containing such diagram are posted in conspicuous places on the respective floor.	No
20	ANNEX-D, part-IV, NBC-2016, D-5 FIRE SAFETY PLAN D-5.1 A Format for the fire safety plan shall be as given in D-9.10. D-5.2 The applicable parts of the approved fire safety plan shall be distributed to all tenants of the building by the building management when the fire safety plan has been approved by the fire Authority. D-5.3 The applicable parts of the approved fire safety plan shall the be distributed by the tenants to all their employees and by the building management to all their building employees. D-5.4 In the event there are changes from conditions existing at the time the fire safety plan for the building was approved. and the changes are such so as to require amending the fire safety plan. within 30 days after such changes an amended fire safety plan shall be submitted to the fire brigade for approval.	No
21	ANNEX-D, part-IV, NBC-2016, D-6 FIRE COMMANDS CENTRE A Fire Command Center shall be established in the building.	No

The No Objection Certificate for Occupancy is issued subject to the following conditions:

1. All fire safety systems provided shall be maintained in trim working condition at all times.
2. All Security/ Maintenance personnel shall be trained on the usage of fire equipment provided.
3. Fire Drills shall be conducted once in every 3 months.
4. As per report of Non MSB Inspection committee; the NOC Committee has scrutinized the Inspection Committee Report along with Proposals and recommended for issuance of No Objection Certificate for Occupancy subject to the following Conditions.

Sl	As Builder	As Occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibilty of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipments during emergency.
4	This No objection Certificate for occupancy is valid for one year from the date of issue of this letter	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once from nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows.

5. **This No Objection Certificate for Occupancy is valid for a period of one year only from the date of issue of this letter. It is the responsibility of the builder to apply for Renewal of No Objection Certificate for Occupancy, duly remitting the User Charges as per G.O.Ms.No.71, Home (Prison-A) Department, dated 01-04-2010 and G.O.Ms.No.140, Home (Prison & Fire) Department, dated.04-09-2015, before expiry of this No Objection Certificate.**

9. The following deficiencies are identified by the officers of the department and need to be attended to by the management.

subject to provide 2 no,s of staircases within 3 months from the date of issue, the conditional Occupancy NOC is issued.

In view of the above, as per the recommendations of the NOC Committee, the No Objection Certificate for Occupancy is hereby issued to the Newly constructed Non Multi Storeyed Building subject to the above conditions.

11770/EG/RFO/2020

Your Sincerely,

Regional Fire Officer
Andhra Pradesh, Vijayawada

Copy to REGISTRAR,Adikavi Nannaya University, Administrative Building Adikavi Nannaya University Campus Rajamahendravaram-533296
Copy to Chief Office for Record Purpose
Copy to District Fire Officer concerned
Copy to Assistant District Fire Officer concerned
Copy to Station Fire Officer concerned

ADIKAVI NANNAYA UNIVERSITY :: Rajamahendravaram

University College of Engineering

AICTE APPROVED & ISO 9001:2015 CERTIFIED

AP EAPCET CODE: ANURSE

AP ICET CODE: AKNU

Program	Level	Course	Intake Approved
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	30
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	30
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	30
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	30
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & INSTRUMENTATION ENGINEERING	30
MCA	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	45
MANAGEMENT	POST GRADUATE	MBA	30

* 10% seats will be allowed over and above the Approved Intake to accommodate reservation for EWS as per State Government Policy.

PRINCIPAL

Certificate

HYM International Certifications Pvt. Ltd.

Certified that the Energy Management System of

ADIKAVI NANNAYA UNIVERSITY

Rajaraja Narendra Nagar, NH-16, Rajamahendravaram, East Godavari District - 533 296,
Andhra Pradesh, India

has been assessed and found to be in accordance with the requirements of the Energy standards

ISO 50001 : 2011

for the following scope of certification

IMPLEMENTATION OF ENERGY SAVING PRACTICES

Further information about the scope of this certificate and applicability of ISO 50001 : 2011
requirements may be obtained by consulting the organization.

Issue Date : 07/09/2021   1st Surveillance 06/09/2022

Renewal Date : 06/09/2024   2nd Surveillance 06/09/2023

Authorised Signature

Certificate No : En918641461   HYM International Certifications Pvt. Ltd

NOTE: This Certificate is Valid From 07/09/2021 to 06/09/2022

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies [Europe] Limited who
have assessed M/s.HYM International Certifications Pvt. Ltd. against defined criteria and in cognisance of ISO 17021:2015
"Conformity Assessment - Requirements for bodies providing audit and Certification of management Systems".
www.hymcertifications.com on for checking the validation of the Certification

Regd. Office : Plot No. 265/C, Addagutta Society, Opp. JNTU, Kukatpally, Hyderabad - 500 072, Telangana State, India.
E-mail: siva@hymcertifications.com, Website: www.hymcertifications.com

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296
E.G.DL, A.P, India

Certificate

HYM International Certifications Pvt. Ltd.

Certified that the Environmental Management System of

ADIKAVI NANNAYA UNIVERSITY

Rajaraja Narendra Nagar, NH-16, Rajamahendravaram, East Godavari District - 533 296,
Andhra Pradesh, India

has been assessed and found to be in accordance with the requirements of the environmental standards

ISO 14001 : 2015

for the following scope of certification

IMPLEMENTATION OF GREENERY AND ENVIRONMENTAL PROMOTION ACTIVITIES

Further information about the scope of this certificate and applicability of ISO 14001 : 2015
requirements may be obtained by consulting the organization.

Issue Date :	07/09/2021	1st Surveillance	06/09/2022
Renewal Date :	06/09/2024	2nd Surveillance	06/09/2023

Authorised Signature

Certificate No : **E91864140153**

HYM International Certifications Pvt. Ltd

NOTE: This Certificate is Valid From 07/09/2021 to 06/09/2022

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies [Europe] Limited who
have assessed M/s HYM International Certifications Pvt. Ltd against defined criteria and in cognisance of ISO 17021:2015
"Conformity Assessment - Requirements for bodies providing audit and Certification of management Systems".
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Regd. Office : Plot No. 265/C, Addagutta Society, Opp. JNTU, Kukatpally, Hyderabad - 500 072, Telangana State, India.
E-mail: siva@hymcertifications.com, Website: www.hymcertifications.com

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296
E.G.Dt., A.P. India

HYM GREEN award

HYM International Certifications Pvt. Ltd.
Green and Environment Award
2021 – 2022

Certificate of Excellence
awarded to

ADIKAVI NANNAYA UNIVERSITY

In recognition for maintaining green zone, rain harvesting and pollution control practices.

Date: 22/02/2022

Place: RAJA MAHENDRAVARAM

Authorised Signature

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt., A.P., India

HYM International Certifications Pvt. Ltd.

ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM

No. ANUR/Estt-SII/376/Grievance Redressal Committees /2019   January 02, 2020

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub: ANUR- Establishment – Constitution of Grievance Redressal Committees
        (GRCs) - Orders- Issued – Reg.

Ref :   1. UGC (Grievance Redressal of Students) Regulations 2018
        2. Note orders of the Vice-Chancellor dated: 04.12.2019
        3. Draft Proceedings of the Vice-Chancellor dated : 19.12.2019

**

ORDER:

      With reference to above, the Vice-Chancellor has constituted the following Grievance

Redressal Committees (GRC) as per the UGC (Grievance Redressal of Students) Regulations

2018, as stated below:

1. Department Grievance Redressal Committee (DGRC)

Name of the College / Designation	University College of Arts & Commerce	University College of Science & Technology	University College of Engineering	University College of Education	AKNU MSN Campus, KKD	AKNU PG Campus, TPG
Chairperson	Head of the Department Concerned	Head of the Department Concerned	Head of the Department Concerned	Head of the Department Concerned	Head of the Department Concerned	Head of the Department Concerned
Member	Principal, UCEng.	Principal, UCAC.	Principal, UCST.	Principal, UCEng.	Special Officer	Special Officer
Member	A faculty member well versed with grievance redressal mechanism to be nominated by the Head of the Department concerned in consultation with concerned Principal/SO and Rector.					

2. Institutional Grievance Redressal Committee (IGRC)

    a. Rector – **Chairperson**

    b. Dean of Student Affairs

    c. Two senior academicians –

         Prof. K S Ramesh, Department of English, UCAC

         Dr. A Matta Reddy, Department of Zoology, UCST.

(P.T.O)

3. **College Grievance Redressal Committee (CGRC) [UCAC/UCST/UCEng/UCEd/ PG Campuses (KKD/TPG]**
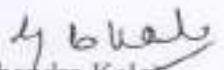
    a. Principal –Chairperson

    b. Two senior faculty members to be nominated by the concerned Principal in consultation with Rector/Vice-Chancellor

4. **University Grievance Redressal Committee (CGRC)**

    1. Rector – Chairperson

    2. Dean of Student Affairs

    3. Principal, Government College (A), Rajamahendravaram

    4. Principal, Government Degree College for Women, Nidadavole

    5. Principal, PR Government College(A), Kakinada

The fact be reported to the Executive Council for ratification

(By Order)

(G Chandra Kala)
Assistant Registrar

To:

1. The above committee members
2. All the Principals of University Colleges
3. The Special Officers of PG Campuses(KKD/TPG)
4. All the Heads of the Departments/Course Coordinator through concerned Principals/Special Officers

Copies to :

1. All the officers of the University
2. PA to Registrar
3. PA to Rector
4. PS to VC
5. OOF

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ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING
RAJAMAHENDRAVARAM

Department of
Computer Science and Engineering

B.Tech (CSE)

SYLLABUS &
MODEL QUESTION PAPERS
(For the admitted batch of 2020-21)

Board of Studies
University College of Engineering

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester I (First Year) Curriculum

Course Code	Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSC-CS 101	English-I	3	0	0	25	75	100	3
BSC-CS 102	Engineering Mathematics-I	3	0	0	25	75	100	3
BSC-CS 103	Engineering Chemistry	3	0	0	25	75	100	3
ESC-CS 104	Fundamentals of Computer Science	3	0	0	25	75	100	3
ESC-CS 105	Basics of Electronics	3	0	0	25	75	100	3
LC-CS 106	Engineering Chemistry lab	0	0	3	50	50	100	1.5
LC-CS 107	Engineering workshop Lab	0	0	3	50	50	100	1.5
LC-CS 108	IT Workshop Lab	0	0	3	50	50	100	1.5
MC-CS 109	Professional Ethics and Human Values	2	0	0	25	75	100	0
	Induction Programme				3 Weeks Duration			
TOTAL		17	0	9	300	600	900	19.5

Dr. B. Kezia Rani
BOS - Convenor
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM 533 296

DEAN
Academic Affairs
Adikavi Nannaya University
RAJAHMUNDRY 533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester II (First Year) Curriculum

Course Code	Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSC-CS 201	English-II	3	0	0	25	75	100	3
BSC-CS 202	Engineering Mathematics-II	3	0	0	25	75	100	3
BSC-CS 203	Engineering Physics	3	0	0	25	75	100	3
ESC-CS 204	Programming For Problem solving	3	0	0	25	75	100	3
ESC-CS 205	Engineering Graphics	1	0	4	25	75	100	3
LC-CS 206	English Communication Skills Lab	0	0	3	50	50	100	1.5
LC-CS 207	Engineering Physics Lab	0	0	3	50	50	100	1.5
LC-CS 208	Programming for Problem solving Lab	0	0	3	50	50	100	1.5
MC-CS 209	Environmental Science	2	0	0	25	75	100	0
	TOTAL	15	0	13	300	600	900	19.5

Dr. B. Kezia Rani
BOS - Convener
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)

Semester III (Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-CS301	Database Management System	75	25	100	3	0	0	3
PCC-CS302	Software Engineering	75	25	100	3	0	0	3
PCC-CS303	Data Structures	75	25	100	3	0	0	3
PCC-CS304	Operating System	75	25	100	3	0	0	3
BSC-CS305	Probability Statistics and Queuing Theory	75	25	100	3	0	0	3
LC-CS306	Database Management System Lab	50	50	100	0	0	3	1.5
LC-CS307	Data Structures Lab	50	50	100	0	0	3	1.5
LC-CS308	Operating System Lab	50	50	100	0	0	3	1.5
MC-CS309	Essence of Indian Traditional Knowledge	75	25	100	2	0	0	0
MC-CS310	Skill Development Course – Soft Skills	50	50	100	1	0	2	2
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)

Semester IV(Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-CS401	Computer Organization and Architecture	75	25	100	3	0	0	3
PCC-CS402	Computer Networks	75	25	100	3	0	0	3
PCC-CS403	Object Oriented Programming through JAVA	75	25	100	3	0	0	3
BSC-CS404	Discrete Mathematical Structures	75	25	100	3	0	0	3
HSMC-CS405	Management Science	75	25	100	3	0	0	3
LC-CS 406	Computer Organization and Architecture Lab	50	50	100	0	0	3	1.5
LC-CS407	Computer Network Lab	50	50	100	0	0	3	1.5
LC-CS408	Object Oriented Programming through JAVALab	50	50	100	0	0	3	1.5
MC-CS409	Skill Development Course - MOOCs	50	50	100	1	0	2	2
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester V (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-CS501	Micro Processors and Micro Controllers	75	25	100	3	0	0	3
PCC-CS502	Formal Languages and Automata Theory	75	25	100	3	0	0	3
PCC-CS503	Design and Analysis of Algorithms	75	25	100	3	0	0	3
PCC-CS504	Object Oriented Analysis & Design with UML	75	25	100	3	0	0	3
PEC-CS505	Elective-1 1.Artifitial Intelligence & Neural Networks 2.Distributed Operating Systems 3.Internet of Things	75	25	100	3	0	0	3
LC-CS506	Micro Processor and Micro Controller Lab	50	50	100	0	0	3	1.5
LC-CS507	Object Oriented Analysis & Design with UML Lab	50	50	100	0	0	3	1.5
MC-CS508	Constitution of India	75	25	100	2	0	0	0
MC-CS509	Skill Development Course- Tutorials	50	50	100	1	0	2	2
MC-CS510	SUMMER INTERNSHIP	-	100	100	-	-	-	1.5
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week
Summer Internship 2 Months (Mandatory) after second year(to be evaluated during V semester

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BOS- Convenor
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM - 533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester VI (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-CS601	Network Security and Cryptography	75	25	100	3	0	0	3
PCC-CS602	Data Warehouse and Data Mining	75	25	100	3	0	0	3
PCC-CS603	Web Technologies	75	25	100	3	0	0	3
PEC-CS604	Elective-II 1.Cloud Computing 2.Grid Computing 3.Mobile Computing	75	25	100	3	0	0	3
OEC-CS605	Open Elective-I 1. Compiler Design 2. Embedded Systems 3. Robotics	75	25	100	3	0	0	3
LC-CS606	Network Security and Cryptography Lab	50	50	100	0	0	3	1.5
LC-CS607	Data Mining with R Lab	50	50	100	0	0	3	1.5
LC-CS608	Web Technologies Lab	50	50	100	0	0	3	1.5
MC-CS609	Skill Development Course –Tutorials	50	50	100	1	0	2	2
Total Credits								**21.5**

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

Dr. B. Kezia Rani
BOS Convenor
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester VII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PEC-CS701	Elective-III 1.Software Testing and Quality Assurance 2.Software Architectures and Design Patterns 3.Agile Software Development	75	25	100	3	0	0	3
PEC-CS702	Elective-IV 1.Python Programming 2.AJAX/JSON 3.PHP Programming	75	25	100	3	0	0	3
PEC-CS703	Elective-V 1.Computer Vision and Pattern Recognition 2.Machine Learning 3.Big Data Analytics	75	25	100	3	0	0	3
OEC-CS704	Open Elective-II 1.Business Intelligence and Visualization 2.Natural Language Processing 3.Advanced Databases	75	25	100	3	0	0	3
OEC-CS705	Open Elective-III 1.Foundations of Data Science 2.Block Chain Technology 3.Computer Forensics	75	25	100	3	0	0	3
HSMC-CS706	Managerial Economics and Financial Accounting	75	25	100	3	0	0	3
MC-CS707	Skill Development Course – Entrepreneurship Development	50	50	100	1	0	2	2
MC-CS708	Industrial Internship/Mini Project	--	100	100	--	--	--	3
Total Credits								23

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week
Summer Internship 2 Months (Mandatory) after third year(to be evaluated during VII semester

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BOS - Convener
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ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM - 533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)

Semester VIII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Int	Ext		L	T	P	
PROJ-CS801	Project-I	100	200		-	-	-	12
	Total Credits							12

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING
RAJAMAHENDRAVARAM

Department of
Electronics and Instrumentation Engineering

I, II, III & IV YEAR
(For the admitted batch of 2020-2021 under CBCS Scheme)
B. Tech (EIE)
Course Structure, Syllabus & Model Question Papers

Board of Studies
University College of Engineering

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Course Structure (for the AB 2020-21)
B. Tech, I Year Degree Course
(From the admitted batch of 2020 – 2021 under CBCS Scheme)

I B. Tech I Semester EIE w.e.f 2020-21 (I Semester)

Course Code	Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSMC-EI101	English-I	3	0	0	25	75	100	3
BSC-EI102	Engineering Mathematics-I	3	0	0	25	75	100	3
BSC- EI103	Engineering Physics	3	0	0	25	75	100	3
ESC- EI104	Engineering Graphics	1	0	4	25	75	100	3
ESC-EI105	Basics of Electrical Engineering	3	0	0	25	75	100	3
LC- EI106	Engineering Physics Lab	0	0	3	50	50	100	1.5
LC- EI107	Engineering Workshop Lab	0	0	3	50	50	100	1.5
LC- EI108	IT Workshop Lab	0	0	3	50	50	100	1.5
MC- EI109	Environmental Science	2	0	0	25	75	100	0
Induction Programme		3 Weeks Duration						
TOTAL CREDITS		15	0	13	300	600	900	19.5

I B. Tech II Semester EIE w.e.f 2020-21 (II Semester)

Course Code	Title of the Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSMC-EI201	English-II	3	0	0	25	75	100	3
BSC-EI202	Engineering Mathematics-II	3	0	0	25	75	100	3
BSC-EI203	Engineering Chemistry	3	0	0	25	75	100	3
ESC-EI204	Programming for Problem Solving	3	0	0	25	75	100	3
ESC-EI205	Electronic Devices and Circuits	1	0	4	25	75	100	3
LC-EI206	English Communication Skills	0	0	3	50	50	100	1.5
LC-EI207	Engineering Chemistry Lab	0	0	3	50	50	100	1.5
LC-EI208	Programing for Problem Solving Lab	0	0	3	50	50	100	1.5
MC-EI209	Professional Ethics and Human Values	2	0	0	25	75	100	0
TOTAL CREDITS		15	0	13	300	600	900	19.5

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

B. Tech, II Year Degree Course
(From the admitted batch of 2020 – 2021 under CBCS Scheme)

II B. Tech I Semester EIE w.e.f 2020-21 (III Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Cred its
		L	T	P	Internal	External		
BSC-EI301	Mathematics - III	3	0	0	25	75	100	3
PCC-EI302	Network Analysis	3	0	0	25	75	100	3
PCC-EI303	Signals and Systems	3	0	0	25	75	100	3
PCC-EI304	Digital Electronics	3	0	0	25	75	100	3
PCC-EI305	Transducer Engineering	3	0	0	25	75	100	3
LC - EI306	Electronic Devices and Circuits Lab	0	0	3	50	50	100	1.5
LC-EI307	Digital Electronics Lab	0	0	3	50	50	100	1.5
LC-EI308	Industrial Instrumentation Lab-I	0	0	3	50	50	100	1.5
SDC-EI309	Skill Oriented Course (MOOC Course)	1	0	2	50	50	100	2
MC-EI310	Essence of Indian Traditional Knowledge	2	0	0	25	75	100	0
	TOTAL CREDITS	18	0	11	350	650	1000	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week

II B. Tech II Semester EIE w.e.f 2020-21 (IV Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
ESC-EI401	Electronic Circuit Analysis	3	0	0	25	75	100	3
BSC-EI402	Electronic Measurements and Instrumentation	3	0	0	25	75	100	3
PCC-EI403	Industrial Instrumentation	3	0	0	25	75	100	3
PCC-EI404	Linear Control Systems	3	0	0	25	75	100	3
HSMC-EI405	Managerial Economics and Financial Analysis	3	0	0	25	75	100	3
LC-EI406	Network Analysis Lab	0	0	3	50	50	100	1.5
LC-EI407	Electrical Measurements Lab	0	0	3	50	50	100	1.5
LC-EI408	Industrial Instrumentation Lab-II	0	0	3	50	50	100	1.5
SDC-EI409	Skill Oriented Course	1	0	2	50	50	100	2
	TOTAL CREDITS	16	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after second year which can be evaluated during V Semester.

III B. Tech I Semester EIE w.e.f 2020-21 (V Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EI501	Linear Integrated Circuits	3	0	0	25	75	100	3
PCC-EI502	Analytical Instrumentation	3	0	0	25	75	100	3
PCC-EI503	Biomedical Instrumentation	3	0	0	25	75	100	3
OEC -EI504	**Open Elective Course-I** A. Computer Organization B. Computer Networks C. DBMS	3	0	0	25	75	100	3
PEC -EI505	**Professional Elective Course– I** A. VLSI Design B. Industrial Safety and Maintenance Engineering C. Digital Signal Processing	3	0	0	25	75	100	3
LC-EI506	Linear Integrated Circuits Lab	0	0	3	50	50	100	1.5
LC-EI507	Analytical Instrumentation Lab	0	0	3	50	50	100	1.5
SAC-EI508	Skill advanced course / Soft Skill	1	0	2	50	50	100	2
MC-EI509	Constitution of India	2	0	0	25	75	100	0
Summer Internship 2 Months (Mandatory) after Second year (to be evaluated during V Semester		0	0		50	50	100	1.5
TOTAL CREDITS		18	0	08	350	650	1000	21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week.

III B. Tech II Semester EIE w.e.f 2020-21 (VI Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EI601	Microprocessors and Microcontrollers	3	0	0	25	75	100	3
PCC-EI602	Process Control Instrumentation	3	0	0	25	75	100	3
PCC-EI603	Virtual Instrumentation	3	0	0	25	75	100	3
OEC-EI604	**Open Elective Course – II** A. Object Oriented Programming Through Java B. Python Programming C. Machine Learning.	3	0	0	25	75	100	3
PEC-EI605	**Professional Elective Course – II** A. Embedded Systems B. Digital Control Systems C. Industrial Communication Systems	3	0	0	25	75	100	3
LC-EI606	Microprocessors and Microcontrollers Lab	0	0	3	50	50	100	1.5
LC-EI607	Process control Instrumentation Lab	0	0	3	50	50	100	1.5
LC-EI608	Virtual Instrumentation Lab	0	0	3	50	50	100	1.5
SSC-EI609	Skill advanced course / Soft Skill	1	0	2	50	50	100	2
TOTAL CREDITS		16	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after Third year which can be evaluated during VII Semester.

IV B. Tech I Semester EIE w.e.f 2020-21 (VII Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PEC-EI701	**Professional Elective Course-III** A. Process Modeling & Simulation B. Principles of Communication C. Computer control of Processes	3	0	0	25	75	100	3
PEC-EI702	**Professional Elective Course -IV** A. Fiber optics and LASER Instrumentation. B. Robotics & Automation C. Geo Information Systems	3	0	0	25	75	100	3
PEC-EI703	**Professional Elective Course -V** A. System Identification B. Reliability Engineering C. Power plant Instrumentation	3	0	0	25	75	100	3
OEC-EI704	**Open Elective Course – III** A. Digital Image Processing. B. Industrial Electronics C. Artificial Neural Networks & Fuzzy Logic	2	0	0	25	75	100	3
OEC-EI705	**Open Elective Course – IV** A. Internet of Things (IoT). B. Wireless Sensor Network. C. MEMS and its Application.	2	0	0	25	75	100	3
HSMC-EI706	Management Science	3	0	0	25	75	100	3
SAC-EI707	Skill advanced course / Soft Skill	1	0	2	50	50	100	2
	Industrial Internship 2 Months (Mandatory) after Third year (to be evaluated during VII Semester	0	0	0	50	50	100	3
	TOTAL CREDITS	**17**	**0**	**02**	**250**	**550**	**800**	**23**

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week.

IV B. Tech II Semester EIE w.e.f 2020-21 (VIII Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
Project	Project Work				100	200	300	12
TOTAL CREDITS					100	200	300	12

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING
RAJAMAHENDRAVARAM

Department of
Electronics and Communication Engineering

B Tech(ECE)
Syllabus & Model Question Papers

I, II, III &IV YEAR
(For the admitted batch of 2020-21)

Board of Studies
University College of Engineering

(As per Model Curriculum for Undergraduate Degree Courses
in Engineering &Technology, January, 2018, AICTE, New Delhi)

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B. Tech, Four Year Degree Course
(From the admitted batch of 2020-21 under CBCS Scheme)

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ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B. Tech, Four Year Degree Course
(From the admitted batch of 2020-21 under CBCS Scheme)

I B. Tech I Semester ECE w.e.f 2020-21AB (I Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
HSMC-EC101	English-I	3	0	0	25	75	100	3
BSC-EC102	Engineering Mathematics-I	3	0	0	25	75	100	3
BSC-EC103	Engineering Physics	3	0	0	25	75	100	3
ESC-EC104	Engineering Graphics	1	0	1	25	75	100	3
ESC-EC105	Basics of Electrical Engineering	3	0	0	25	75	100	3
LC-EC106	Engineering Physics Lab	0	0	3	50	50	100	1.5
LC-EC107	Engineering Workshop Lab	0	0	3	50	50	100	1.5
LC-EC108	IT Workshop Lab	0	0	3	50	50	100	1.5
MC-EC109	Environmental Science	2	0	0	25	75	100	0
	Induction Programme	3 Weeks Duration						
TOTAL CREDITS		15	0	13	300	600	900	19.5

I B. Tech II Semester ECE w.e.f 2020-21AB (II Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
HSMC-EC201	English-II	3	0	0	25	75	100	3
BSC-EC202	Engineering Mathematics-II	3	0	0	25	75	100	3
BSC-EC203	Engineering Chemistry	3	0	0	25	75	100	3
ESC-EC204	Programming for Problem Solving	3	0	0	25	75	100	3
ESC-EC205	Electronic Devices and Circuits	1	0	4	25	75	100	3
LC-EC206	English Communication Skills Lab	0	0	3	50	50	100	1.5
LC-EC207	Engineering Chemistry Lab	0	0	3	50	50	100	1.5
LC-EC208	Programming for Problem Solving Lab	0	0	3	50	50	100	1.5
MC-EC209	Professional Ethics and Human Values	2	0	0	25	75	100	0
TOTAL CREDITS		15	0	13	300	600	900	19.5

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II B. Tech I Semester ECE w.e.f 2020-21AB (III Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
BSC-EC301	Mathematics —III	3	0	0	25	75	100	3
BSC-EC302	Probability Theory and Stochastic Processes	3	1	0	25	75	100	3
PCC-EC303	Signals and Systems	3	0	0	25	75	100	3
PCC-EC304	Switching Theory and Logic Design	3	0	0	25	75	100	3
PCC-EC305	Electromagnetic field theory and Transmission Lines	3	0	0	25	75	100	3
LC-EC 306	Electronic Devices and Circuits Lab	0	0	3	50	50	100	1.5
LC-EC 307	Switching Theory and Logic Design Lab	0	0	3	50	50	100	1.5
LC-EC 308	Electronic Workshop Practice Lab	0	0	3	50	50	100	1.5
SDC-EC309	Skill Development Course	1	0	2	50	50	100	2
MC-EC310	Essence of Indian Traditional Knowledge	2	0	0	25	75	100	0
TOTAL CREDITS		18	0	11	350	650	1000	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week

II B. Tech II Semester ECE w.e.f 2020-21AB (IV Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
ESC-EC401	Network Analysis	3	0	0	25	75	100	3
BSC-EC402	Control Systems	3	0	0	25	75	100	3
PCC-EC403	Analog and Digital Circuits	3	0	0	25	75	100	3
PCC-EC404	Analog Communications	3	0	0	25	75	100	3
HSMC-EC405	Managerial Economics and Financial Analysis	3	0	0	25	75	100	3
LC-EC 406	Network Analysis and ET Lab	0	0	3	50	50	100	1.5
LC-EC 407	Analog Communications Lab	0	0	3	50	50	100	1.5
LC-EC 408	Analog & Digital Circuits Lab	0	0	3	50	50	100	1.5
SDC-EC409	Skill Development Course	1	0	2	50	50	100	2
TOTAL CREDITS		16	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after second year which can be evaluated during V Semester.

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III B. Tech I Semester ECE w.e.f 2020-21 AB (V Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EC501	Linear IC Applications	3	0	0	25	75	100	3
PCC-EC502	Antennas and Wave Propagation	3	0	0	25	75	100	3
PCC-EC503	Digital Communications	3	0	0	25	75	100	3
EC-EC504	Open Elective Course-I A. Computer Organization B. Networks and Protocols C. Data Mining and Ware Housing	2	0	2	25	75	100	3
PEC-EC505	Professional Elective - I A. VLSI Design B. Digital IC Design C. Optoelectronics	3	0	0	25	75	100	3
LC-EC506	Digital Communications Lab	0	0	3	50	50	100	1.5
LC-EC507	Linear IC Applications Lab	0	0	3	50	50	100	1.5
SDC-EC508	Skill Development Course	1	0	2	50	50	100	2
MC-EC509	Constitution of India	2	0	0	25	75	100	0
	Summer Internship 2 Months (Mandatory) after Second year (to be evaluated during V Semester	0	0	0	100	-	100	1.5
TOTAL CREDITS		17	0	10	400	600	1000	21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/Week

III B. Tech II Semester ECE w.e.f 2020-21AB (VI Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EC601	Microprocessors and Microcontrollers	3	0	0	25	75	100	3
PCC-EC602	Microwave Engineering	3	0	0	25	75	100	3
PCC-EC603	Digital Signal Processing	3	0	0	25	75	100	3
PEC-EC604	Professional Elective Course - II A. Computer Networks Engineering B. Artificial Neural Networks and Fuzzy Logic C. Bio-Medical Engineering	3	0	0	25	75	100	3
OEC-EC605	Open Elective Course - II A. Python Programming B. Object Oriented Programming Through Java C. Machine Learning	2	0	0	25	75	100	3
LC-EC606	Microprocessors and Microcontrollers Lab	0	0	3	50	50	100	1.5
LC-EC607	Microwave Engineering Lab	0	0	3	50	50	100	1.5
LC-EC608	Digital Signal Processing Lab	0	0	3	50	50	100	1.5
SDC-EC609	Skill Development Course	1	0	2	50	50	100	2
TOTAL CREDITS		15	0	11	325	575	900	21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/Week. Two months Summer Internship/Technical Course mandatory after Third year which can be evaluated during VII Semester.

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ADIKAVI NANNAYA UNIVERSITY – ANUR

IV B. Tech I Semester ECE w.e.f 2020-21AB (VII Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PEC- EC701	**Professional Elective Course-III** A. Radar Engineering B. Satellite Engineering C. Analog IC Design	3	0	0	25	75	100	3
PEC- EC702	**Professional Elective Course -IV** A. Electronic Measurementsand Instrumentations B. Fibre optics and wireless optical Communications C. Information Theory and Coding	3	0	0	25	75	100	3
PEC- EC703	**Professional Elective Course -V** A. Mobile Cellular Communications B. Wireless Communication C. ASIC Design	3	0	0	25	75	100	3
OEC- EC704	**Open Elective Course - III** A. Digital Image Processing B. Software Defined Radio. C. Television Engineering.	2	0	2	25	75	100	3
OEC- EC705	**Open Elective Course - IV** A. Embedded System B. Global PositioningSystems C. Smart Antenna Systems	2	0	2	25	75	100	3
HSMC- EC706	Management Science	3	0	0	25	75	100	3
SDC- EC707	Skill Development Course	1	0	2	50	50	100	2
	Industrial Internship/Mini project 2 Months (Mandatory) after Second year (to be evaluated during V Semester	0	0	0	100	--	100	3
TOTAL CREDITS		17	0	06	300	500	800	23

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week.

IV B. Tech II Semester ECE w.e.f 2020-21AB (VIII Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
Project	Project Work				100	200	300	12
TOTAL CREDITS					100	200	300	12

UNIVERSITY COLLEGE OF ENGINEERING

DEPARTMENT OF ECE | iv

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RAJAMAHENDRAVARAM

Department of Mechanical Engineering

B.Tech (MECH)

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Board of Studies
University College of Engineering

Contents

Branch/Course: Mechanical Engineering

Semester I (First Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-ME101	English-I	75	25	100	3	0	0	3
BSC-ME102	Engineering Mathematics-I	75	25	100	3	0	0	3
BSC-ME103	Engineering Chemistry	75	25	100	3	0	0	3
ESC-ME104	Fundamentals of Computer Science	75	25	100	3	0	0	3
ESC-ME105	Engineering Graphics	75	25	100	1	0	4	3
LC-ME106	English Communication Skills Lab	50	50	100	0	0	3	1.5
LC-ME107	Engineering Chemistry Lab	50	50	100	0	0	3	1.5
LC-ME108	IT Workshop Lab	50	50	100	0	0	3	1.5
MC-ME109	Professional Ethics and Human Values	75	25	100	2	0	0	0
	Induction Programme			3 weeks duration				
	Total Credits							19.5

Semester II (First Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-ME201	English II	75	25	100	3	0	0	3
BSC-ME202	Engineering Mathematics II	75	25	100	3	0	0	3
BSC-ME203	Engineering Physics	75	25	100	3	0	0	3
ESC-ME204	Programming for Problem Solving	75	25	100	3	0	0	3
ESC-ME205	Engineering Mechanics	75	25	100	3	0	0	3
LC-ME206	Engineering Physics Lab	50	50	100	0	0	3	1.5
LC-ME207	Engineering Workshop Lab	50	50	100	0	0	3	1.5
LC-ME208	Programming for Problem Solving Lab	50	50	100	0	0	3	1.5
MC-ME209	Environmental Science	75	25	100	2	0	0	0
	Total Credits							19.5

Semester III (Second Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
BSC-ME301	Probability and Statistics	75	25	100	3	0	0	3
PCC-ME302	Applied Thermodynamics	75	25	100	3	0	0	3
PCC-ME303	Mechanics of Solids	75	25	100	3	0	0	3
PCC-ME304	Metallurgy & Material Science	75	25	100	3	0	0	3
PCC-ME305	Fluid Mechanics & Hydraulic Machinery	75	25	100	3	0	0	3
LC-ME306	Mechanics of Solids Lab	50	50	100	0	0	3	1.5
LC-ME307	Fluid Mechanics & Hydraulic Machinery Lab	50	50	100	0	0	3	1.5
LC-ME308	Material Science Lab	50	50	100	0	0	3	1.5
MC-ME309	Essence of Indian Traditional Knowledge	75	25	100	2	0	0	0
MC-ME310	Skill Development Course - Soft Skills Lab	50	50	100	1	0	2	2
	Total Credits							**21.5**

Semester IV (Second Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-ME401	Basic Electrical & Electronics Engineering	75	25	100	3	0	0	3
PCC-ME402	Thermal Engineering	75	25	100	3	0	0	3
PCC-ME403	Production Technology	75	25	100	3	0	0	3
PCC-ME404	Machine Drawing	75	25	100	3	0	0	3
HSMC-ME405	Managerial Economics & Financial Analysis	75	25	100	3	0	0	3
LC-ME406	Basic Electrical & Electronics Engineering Lab	75	25	100	0	0	3	1.5
LC-ME407	Thermal Engineering Lab	50	50	100	0	0	3	1.5
LC-ME408	Production Technology Lab	50	50	100	0	0	3	1.5
MC-ME409	Skill Development Course - MOOCs	50	50	100	1	0	2	2
	Total Credits							**21.5**

Note: Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester)

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Semester V (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-ME501	Dynamics of Machinery	75	25	100	3	0	0	3
PCC-ME502	Design of Machine Members-I	75	25	100	3	0	0	3
PCC-ME503	Metal Cutting & Machine Tools	75	25	100	3	0	0	3
PEC-ME504	Professional Elective-I 1. Power Plant Engineering 2. Automobile Engineering 3. Theory of Elasticity & Plasticity	75	25	100	3	0	0	3
OEC-ME505	Open Elective-I 1. Nano-Technology 2. Robotics 3. Artificial Intelligence & Machine Learning	75	25	100	3	0	0	3
LC-ME506	Dynamics of Machinery Lab	50	50	100	0	0	3	1.5
LC-ME507	Machine Tools Lab	50	50	100	0	0	3	1.5
MC-ME508	Constitution of India	75	25	100	2	0	0	0
MC-ME509	Skill Development Course - Tutorials in the same domain	50	50	100	1	0	2	2
Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester					0	0	0	1.5
Total Credits								21.5

Semester VI (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-ME601	Metrology & Instrumentation	75	25	100	3	0	0	3
PCC-ME602	Heat Transfer	75	25	100	3	0	0	3
PCC-ME603	CAD/CAM	75	25	100	3	0	0	3
PEC-ME604	Professional Elective-II 1. Turbo Machinery Systems 2. Automation in Manufacturing 3. Advanced Materials	75	25	100	3	0	0	3
OEC-ME605	Open Elective-II 1. Industrial Tribology 2. Optimization Techniques 3. Mechatronics	75	25	100	3	0	0	3
LC-ME606	Metrology & Instrumentation Lab	50	50	100	0	0	3	1.5
LC-ME607	Heat Transfer Lab	50	50	100	0	0	3	1.5
LC-ME608	Simulation Lab	50	50	100	0	0	3	1.5
MC-ME609	Skill Development Course - Tutorials in the same domain	50	50	100	1	0	2	2
Total Credits								21.5

Note: Industrial Internship 2 Months (Mandatory) after second year (to be evaluated during VII semester)

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Semester-VII (Fourth Year) Curriculum

Code	Course Title	Max Marks Ext	Max Marks Int	Total Marks	Hours per week L	T	P	Credits
PEC-ME701	Professional Elective-III 1. Finite Element Method 2. Measurements & CNC Machines 3. Advanced Foundry & Welding Technology	75	25	100	3	0	0	3
PEC-ME702	Professional Elective-IV 1. Experimental stress analysis 2. Design for Manufacture 3. Total Quality Control &Management	75	25	100	3	0	0	3
PEC-ME703	Professional Elective-V 1. Unconventional machining processes 2. Production planning &control 3. Mechanical Vibrations	75	25	100	3	0	0	3
OEC-ME704	Open Elective-III 1. Non Destructive Evaluation 2. Additive Manufacturing 3. Concurrent Engineering	75	25	100	3	0	0	3
OEC-ME705	Open Elective-IV 1. Cryogenic Engineering 2. Tool Design 3. Supply Chain Management	75	25	100	3	0	0	3
HSMC- ME706	Industrial Engineering & Management	75	25	100	3	0	0	3
MC-ME707	Skill Development Course - Tutorials in the same domain	50	50	100	1	0	2	2
Industrial Internship 2 Months or Mini-Project (Mandatory) after third year (to be evaluated during VII semester					0	0	0	3
Total Credits								23

Semester-VIII (Fourth Year) Curriculum

Code	Course Title	Max Marks Ext	Int	Total Marks	Hours per week			Credits
Project	Project Work	Ext	Int					12
		200	100	300				
Total Credits								12

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R A J A M A H E N D R A V A R A M

Department of Civil Engineering

B.Tech (CE)

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Board of Studies

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BTECH CIVIL ENGINEERING PROGRAMME STRUCTURE

Branch/Course: Civil Engineering Semester I (First year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-CE101	English-I	75	25	100	3	0	0	3
BSC-CE102	Engineering Mathematics-I	75	25	100	3	0	0	3
BSC-CE103	Engineering Chemistry	75	25	100	3	0	0	3
ESC-CE104	Fundamentals of Computer Science	75	25	100	3	0	0	3
ESC-CE105	Engineering Graphics	75	25	100	3	0	0	3
LC-CE106	English Communication Skills Lab	50	50	100	0	0	3	1.5
LC-CE107	Engineering Chemistry Lab	50	50	100	0	0	3	1.5
LC-CE108	IT Workshop Lab	50	50	100	0	0	3	1.5
MC-CE109	Professional Ethics and Human Values	75	25	100	2	0	0	0
Induction Programme		3 Weeks Duration						
	Total Credits							19.5

Branch/Course: Civil Engineering Semester II (First year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-CE201	English II	75	25	100	3	0	0	3
BSC-CE202	Engineering Mathematics II	75	25	100	3	0	0	3
BSC-CE203	Engineering Physics	75	25	100	3	0	0	3
ESC-CE204	Programming for Problem Solving	75	25	100	3	0	0	3
ESC-CE205	Engineering Mechanics	75	25	100	3	0	0	3
LC-CE206	Engineering Physics Lab	50	50	100	0	0	3	1.5
LC-CE207	Engineering Workshop Lab	50	50	100	0	0	3	1.5
LC-CE208	Programming for Problem Solving Lab	50	50	100	0	0	3	1.5
MC-CE209	Environmental Science	75	25	100	2	0	0	0
	Total Credits							19.5

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Branch/Course: Civil Engineering Semester III (Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
BSC-CE301	Probability and Statistics	75	25	100	3	0	0	3
PCC-CE302	Strength of Materials	75	25	100	3	0	0	3
PCC-CE303	Surveying and Geometrics	75	25	100	3	0	0	3
PCC-CE304	Fluid Mechanics	75	25	100	3	0	0	3
PCC-CE305	Building Materials, Construction and Planning	75	25	100	3	0	0	3
LC-CE306	Strength of Materials Lab	50	50	100	0	0	3	1.5
LC-CE307	Surveying Field Work – I	50	50	100	0	0	3	1.5
LC-CE308	Building Planning and Design	50	50	100	0	0	3	1.5
MC-CE309	Essence of Indian Traditional Knowledge	75	25	100	2	0	0	0
MC-CE310	Skill Oriented Course - Soft Skills Lab	50	50	100	1	0	2	2
Total Credits								21.5

Branch/Course: Civil Engineering Semester IV (Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-CE401	Engineering Geology	75	25	100	3	0	0	3
PCC-CE402	Hydraulics and Hydraulic Machinery	75	25	100	3	0	0	3
PCC-CE403	Structural Analysis	75	25	100	3	0	0	3
PCC-CE404	Transportation Engineering	75	25	100	3	0	0	3
HSMC-CE405	Managerial Economics & Financial Analysis	75	25	100	3	0	0	3
LC-CE406	Transportation Engineering Lab	50	50	100	0	0	3	1.5
LC-CE407	Engineering Geology Lab	50	50	100	0	0	3	1.5
LC-CE408	Fluid Mechanics & Hydraulics Machinery Lab	50	50	100	0	0	3	1.5
MC-CE409	Skill Oriented Course – MOOCs (from same domain)	-	-	-	-	-	-	2
Total Credits								21.5

For MOOCs, guidelines outlined in Academic Regulations for MOOCs will be applicable

Summer Internship 2 Months (Mandatory) after second year (to be evaluated during Semester-V)

Dr. B. Kezia Rani
BOS - Convener
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296

4

Branch/Course: Civil Engineering Semester V (Third year) Curriculum

Code	Course Title	Max Marks Ext	Max Marks Int	Total Marks	L	T	P	Credits
PCC-CE501	Concrete Technology	75	25	100	3	0	0	3
PCC-CE502	Environmental Engineering	75	25	100	3	0	0	3
PCC-CE503	Geotechnical Engineering	75	25	100	3	0	0	3
OEC-CE504	Open Elective – I 1. Construction Management 2. Smart Cities 3. Green Technology	75	25	100	3	0	0	3
PEC-CE505	Professional Elective – I 1. Reinforced Soil Structures 2. Railways & Airport Engineering 3. Remote Sensing & GIS	75	25	100	0	0	3	3
LC-CE506	Concrete Technology Lab	50	50	100	0	0	3	1.5
LC-CE507	Environmental Engineering Lab	50	50	100	0	0	3	1.5
MC-CE508	Constitution of India	75	25	100	2	0	0	0
MC-CE509	Skill Oriented Course - Tutorials in same Domain	50	50	100	1	0	2	2
	Summer Internship 2 Months (Mandatory) after second year(to be evaluated during V semester				0	0	0	1.5
	Total Credits							21.5

Branch/Course: Civil Engineering Semester VI (Third year) Curriculum

Code	Course Title	Max Marks Ext	Max Marks Int	Total Marks	L	T	P	Credits
PCC-CE601	Design & Drawing of Reinforced Concrete Structures	75	25	100	3	0	0	3
PCC-CE602	Water Resources Engineering	75	25	100	3	0	0	3
PCC-CE603	Design & Drawing of Steel Structures	75	25	100	3	0	0	3
PEC-CE604	Professional Elective-II 1. Prestressed Concrete 2. Estimation, Specifications and Contracts 3. Foundation Engineering	75	25	100	3	0	0	3
OEC-CE605	Open Elective-II 1. Disaster Management 2. Elements of Coastal Engineering 3. Project Management	75	25	100	3	0	0	3
LC-CE606	Geotechnical Engineering Lab	50	50	100	0	0	3	1.5
LC-CE607	Computer Aided Engineering Drawing LAB	50	50	100	0	0	3	1.5
LC-CE608	Surveying Field Work – II	50	50	100	0	0	3	1.5
MC-CE609	Skill Oriented Course - Tutorials in same Domain	50	50	100	1	0	2	2
	Total Credits							21.5

Industrial Internship 2 Months (Mandatory) after third year (or) Mini project (to be evaluated during VII semester)

Dr. B. Kezie Kuru
BOS - Conven
COLLEGE OF ENGINEERING
UNIVERSITY

Branch/Course: Civil Engineering Semester VII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PEC-CE701	**Professional Elective-III** 1. Finite Element Methods 2. Earth & Rock fill Dams 3. Building Services	75	25	100	3	0	0	3
PEC-CE702	**Professional Elective-IV** 1. Solid Dynamics and Machine Foundations 2. Air Pollution & Control 3. Bridge Engineering	75	25	100	3	0	0	3
PEC-CE703	**Professional Elective-V** 1. Urban Hydrology 2. Ground Improvement Techniques 3. Low-Cost Housing	75	25	100	3	0	0	3
OEC-CE704	**Open Elective-III** 1. Environmental Impact Assessment 2. Earth Retaining Structures 3. Airport Planning and Design	75	25	100	3	0	0	3
OEC-CE705	**Open Elective-IV** 1. Watershed Management 2. Travel Demand Analysis 3. Traffic Safety	75	25	100	3	0	0	3
HSMC-CE706	Industrial Engineering and Management	75	25	100	3	0	0	3
MC-CE707	Advance Structural Design By Using Staad Pro	50	50	100	1	0	2	2
Industrial Internship 2 Months (Mandatory) after third year (or) Mini project (to be evaluated during VII semester								3
Total Credits								23

Branch/Course: Civil Engineering Semester VIII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week	Credits
		Ext	Int			
PROJ	Project Work	200	100	300		12
Total Credits						12

Dr. B. Kezia Rani
BOS - Convenor
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296

ADIKAVI NANNAYA UNIVERSITY
UNIVERSITY COLLEGE OF ENGINEERING
Rajah Rajah Narendra Nagar, Rajamahendravaram– 533 296, E.G.Dist., A.P.

Dr. V.Persis
Principal

Mobile No: +91- 7093008482
Email: principal.ucoe@aknu.edu.in

ANUR/UCE/2020-21/Lr No 030

Date: 22.10.2020

Innovation and Entrepreneurship Development Cell

Innovation and Entrepreneurship Development Cell is setup in the University College of Engineering with the following members.

1. Principal, Univeristy College of Engineering – **Chairperson**
2. Dr D Appalaraju, Dept of S&H – **Coordinator**
3. Mr B Sudhakiran, Dept of ECE – **Member**
4. Mr V Ranjith Naik, Dept of CSE – **Member**

The cell works in Co-ordination and Consultation with Dr N Uday Bhaskar, Director - Entrepreneurship, Innovation and Start-up Centre of Adikavi Nannaya University.

Principal
(Dr V Persis)
Principal
University College of Engineering
Adikavi Nannayya University
RAJAHMUNDRY-533 296 (A.P)

UNITED INDIA INSURANCE COMPANY LIMITED

D.NO.50-92-2/6/2&3, 1ST FLOOR, SURYA ENCLAVE, SHANTIPURAM, VISAKHAPATNAM
BO 4 VISAKHAPATNAM – 530016 ANDHRA PRADESH
PHONE: (891) 2550985 FAX: EMAIL:

UNITED BHARAT SOOKSHMA UDYAM SURAKSHA POLICY
POLICY NO.:1502051121P102731835
UIN. IRDAN545RP0013V01202021

> **PERIOD OF INSURANCE**
> From 17:00 Hrs of 24/06/2021
> To Midnight of 23/06/2022

Insured
M/s THE REGISTRAR
ADIKAVI NANNAYA UNIVERSITY, RAJAH RAJAH NARENDRA NAGAR, RAJAMAHENDRAVARAM
533296
GODAVARI – EAST
ANDHRA PRADESH

Agent Name	:	**T.V.BHAGYALAKSHMI**
Agent Code	:	**AGI0000927**
Mobile/Landline Number/Email	:	**9998881650**

The genuineness of the policy can be verified through "Verify Your Policy" link at www.uiic.co.in.

For any Information, Service Requests, Claim intimation and Grievances please write to 150205@uiic.co.in

Download Customer App(www.uiic.co.in). REGD. & HEAD OFFICE, 24, WHITES ROAD, CHENNAI – 600014.
Website: http://www.uiic.co.in
Printed By : CUSTOMER @ 24/06/2021 10:17:21 PM

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt., A.P., India

This document is digitally signed

Signer: N MOHAN SANKAR
Date: Thu, Jun 24, 2021 22:1 IST
Location: United India Insurance Company Ltd
Reason: Signing Policy for Uiic

UNITED BHARAT SOOKSHMA UDYAM SURAKSHA POLICY
SCHEDULE

Policy No.	1502051121P102731835		Prev. Pol. No.				
Name Of Insured	M/s THE REGISTRAR / 23110354234						
Tel.(O)		Fax			Tel.(R)		Mobile	9441247751
Business/Occupation	None				Email	CHAKRAVARTHYVSB13171@GMAIL.COM	
Period of Insurance	From	17:00 Hrs of 24/06/2021	To		Midnight of 23/06/2022		

CD-INSURANCE DETAILS:
UIIC 150205 : 100%

Risks Covered	Sum Insured(₹)
Building	50,00,000.00
Floater Cover	Not Opted

Total Basic Premium:	2,875.00
Total Addon Premium:	0.00
Net Premium:	2,875.00
CGST(9%):	259.00
SGST(9%):	259.00
Stamp Duty:	1.00
Total:	3,393.00
Receipt No:	X0115020621102781455
Receipt Date:	24/06/2021

Stamp Duty Applicability : No

Agency/Broker Code:	AG10000927
T.V.BHAGYALAKSHMI	
Business Associate Code:	BA521189
KRISHNAM RAJU RUDRARAJU V R	

Deductible	₹ 5,000/- for each & every claim
Terrorism deductible	i)1% of the claim amount subject to minimum of ₹ 25,000/- & upto maximum of ₹ 10,00,000/-(for Non-Industrial risks) ii)5% of the claim amount subject to minimum of ₹ 1,00,000/- & upto maximum of ₹ 2,50,00,000/-(for Industrial risks)

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 296.
E.G.Dt., A.P., India

Location/Risk Details :

Location Address	Location Name	Risk Description	Item Type	Item Description	Sum Insured (₹)
UNIVERSITY COLLEGE OF ENGINEERINGADIKAVI NANNAYA UNIVERSITY, RAJAH RAJAH NARENDRA NAGAR,GODAVARI - EAST,ANDHRA PRADESH,Pin-533296	RAJAMAHENDRAVARAM	Educational and Research Institutes imparting training in various crafts(1012)	Building including Plinth , Basement and additional Structure	UNIVERSITY COLLEGE OF ENGINEERING BUILDING	5,000,000.00

Customer GST/UIN No.:	37AAALA0881BZZM	Office GST No.:	37AAACU5552C1Z1
SAC Code:	997137	Invoice No. & Date:	11211102731835 & 24/06/2021
Amount Subject to Reverse Charges-NIL			

Anti Money Laundering Clause:-In the event of a claim under the policy exceeding ₹ 1 lakh or a claim for refund of premium exceeding ₹ 1 lakh, the insured will comply with the provisions of AML policy of the company. The AML policy is available in all our operating offices as well as Company's web site.

LET US JOIN THE FIGHT AGAINST CORRUPTION. PLEASE TAKE THE PLEDGE AT https://pledge.cvc.nic.in.

Date of Proposal and Declaration: 24/06/2021

IN WITNESS WHEREOF,the undersigned being duly authorised has hereunto set his/her hand at BO 4 VISAKHAPATNAM 150205 on this 24th day of June 2021 .

For and On behalf of
United India Insurance Co. Ltd.

Affix Policy Stamp here.

Duly Constituted Attorney(s)
Underwritten By - CHA24458 (BO UNDERWRITER)

This is a system generated document and any manual alteration / correction / overwriting in the document will make it invalid.

Registrar
Adikavi Nannaya University
RAJAMAHENDRAVARAM-533 206.
E.G.Dt., A.P., India

ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM

No.ANUR/Committee Constitute/2019   28.12.2019

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub: ANUR – IQAC in the University – Re-constituted – Orders – Issued.
Ref: 1. Note Orders of the Vice-Chancellor, dt.04.12.2019.
    2. Draft proceedings of the Vice-Chancellor, dt.27.12.2019.
******

ORDER:

With reference to the above the Vice-Chancellor is pleased to order that Internal Quality Assurance Cell(IQAC) be re-constituted in the University as per guidelines specified by NAAC.

1.	Vice – Chancellor	Chairperson
2.	Registrar	Member
3.	Prof. T.Ashok, Dept. of English, AKNU MSN Campus, Kakinada	Member
4.	Dr. K.Ramaneswari, Dept. of Zoology, ANUR	Member
5.	Dr. P. Uma Maheswari Devi, DCMS, ANUR	Member
6.	Prof. K. Srinivasa Rao, Dept. of Statistics, Andhra University, Visakhapatnam	Member
7.	IQAC Director, Andhra University, Visakhapatnam	Member
8.	Controller of Examinations, ANUR	Member
9.	Dr. S.Venkateswara Rao, Founder, Vinay Sunkara Foundation	Member
10.	Ms.P.V.S.Durga Gayatri, Dept. of CSE, ANUR	Member
11.	Mr. K. Krishna Reddy, Founder KRIFY Software Technologies Pvt. Ltd., Kakinada	Member
12	Dr. K.V.Swamy, Dept. of Geology, ANUR	Director

(BY ORDER)

(G.Chandrakala)
ASSISTANT REGISTRAR

To
The above members
The Secretary, APSCHE, Tadepalli, Guntur
Copies to:
All the principals of university colleges/S.O's of PG Campuses
All the University Officers
PA to Registrar
PA to Rector
PA to VC
OOF

RAMP AND LIFT FACILITIES – BARRIER FREE ENVIRONMENT

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

APPROVAL PROCESS 2021-22

Letter of Approval (LoA)

F.No. South-Central /2021-22/1-7427986041   Date:

To,
The Registrar,
ADIKAVI NANNAYA UNIVERSITY
RAJARAJA NARENDRA NAGAR, VELUGUBANDA,RAJANAGARAM,RAJAMAHENDHRAVARAM, RAJAHMUNDRY
EAST GODAVARI, Andhra Pradesh

Sub: Letter of Approval for New Institution 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1st 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

Permanent Id	1-7427986041	Application Id	1-7427986041
Name of the Institution	ADIKAVI NANNAYA UNIVERSITY	**Institution Address**	RAJARAJA NARENDRA NAGAR, VELUGUBANDA,RAJANAGARAM,RAJ AMAHENDHRAVARAM, RAJAHMUNDRY, EAST GODAVARI, Andhra Pradesh, 533296
Institution Type	State Government University	**Region**	South-Central

to conduct following Courses with the Intake indicated below for the Academic Year 2021-22*

Sr. No.	Program	Level	Course	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status	Twinning/ Foreign Collaboration
1	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	30	No	No	Not interested
2	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	30	No	No	Not interested
3	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	30	No	No	Not interested
4	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	30	No	No	Not interested
5	MCA	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	45	No	No	Not interested
6	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND INSTRUMENTATION ENGINEERING	30	No	No	Not interested
7	MANAGEMENT	POST GRADUATE	MBA	30	No	No	Not interested

* 10% seats will be allowed over and above the Approved Intake to accommodate reservation for EWS as per State Government Policy.

All Institution shall fulfill the following general conditions:

1. The management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. The Eligibility Criteria for admissions shall be made in accordance with the regulations notified by the Council from time to time.
3. The tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form. If found so, appropriate action as

per the notified regulations shall be initiated against the Institution

4. The Curriculum of the course, the procedure for evaluation / assessment of students shall be in accordance with the Model Curriculum and Examination Reforms prescribed by the AICTE from time to time.

5. The management of the Institution shall not discontinue any course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.

6. No excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.

7. The Institution shall not have any collaborative arrangements with any other Indian and / or Foreign Universities for conduct of technical courses without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution

8. The Institution shall not conduct any course(s) as specified in the Approval Process Handbook without prior permission / approval of AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.

9. The Institution shall operate only from the approved location, and that the institution shall not open any off campus study centers / extension centers directly or in collaboration with any other institution / university / organization for the purpose of imparting technical education without obtaining prior approval from the AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.

10. The accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or persons authorized by it.

11. Heads of Departments, the teaching and other staff shall be appointed in given time frame and selection shall be done according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the AICTE from time to time. The Institution shall publish an information booklet before commencement of the academic year giving details regarding the Institution and courses / programs being conducted, Fees charged and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education. The mandatory disclosure information, as per directions in the AICTE website / Approval Process Handbook, shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the Institution.

12. It shall be mandatory for the Institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.

13. If the Institution fails to disclose the information or suppress and / or misrepresent the information, appropriate action as per the notified regulations shall be initiated against the Institution.

14. AICTE may also conduct inspections with or without notifying the dates to verify specific complaints, to verify adherence to AICTE norms & standards, and to verify any mis-representation, violation of norms & standards, mal-practices etc.

15. The Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.

16. In the event of a student / candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/(Rupees one thousand only) shall be refunded and returned by the Institution to the student / candidate withdrawing from the program. It would not be permissible for the Institution to retain the School / Institution Leaving Certificates in original to force retention of admitted students and not to charge fees for the remaining period if a student cancels the admission at any point of time.

17. The Institution shall take appropriate measures for prevention of ragging in any form, in the light of AICTE regulation "Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to Universities imparting technical education" Regulation 2009 (F.No. 37-3/Legal/AICTE/2009 dated 01/07/2009). In case of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action as per the notified regulations.

18. It is mandatory to comply all the essential requirements as given in APH 2021-22(appendix 6)

The Government/ Management of the Institution shall strictly follow further conditions as may be specified by the Council from time to time.The Council may withdraw the approval, in case it observe any violation of the above conditions and/or non- adherence to the norms and standards prescribed by the Council, mis-representation of facts and submitting factually incorrect information to it.

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutions and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic Year 2021-22.However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education**, Andhra Pradesh**

2. **The Registrar**,**
   Adikavi Nannaya University, Rajahmundry

3. **The Principal / Director,**

Application No:1-7427986041
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Page **2** of **3**

Letter Printed On:19 July 2021

ADIKAVI NANNAYA UNIVERSITY
Rajaraja Narendra Nagar, Velugubanda,Rajanagaram,Rajamahendhravaram,
Rajahmundry,East Godavari,
Andhra Pradesh,533296

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

5. **Guard File(AICTE)**

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

**Copy of this letter will not be communicated through post/email. However, provision is made in the portal for downloading letter through Authorized login credentials allotted to concerned State Secretary/ DTE/Registrar.

Application No:1-7427986041
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Printed By : univr10029

Page **3** of **3**

Letter Printed On:19 July 2021

ADIKAVI NANNAYA UNIVERSITY
ఆదికవి నన్నయ విశ్వవిద్యాలయం
RAJAMAHENDRAVARAM, ANDHRA PRADESH INDIA - 533296

ISO 9001:2015 Certified

✉ | Email : enquiry@aknu.edu.in

🕐 | Office Timings : Mon-Sat : 10:00AM - 5:00PM

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- Research Awards
- MoU's
- Patents
- Collaborations

S.No	Name of the Organisation/ Institution/ Industry with whom MoU is signed	Year of signing MoU	Duration of MoU
1	University of Virgin Islands, Virgin Islands	2015-16	5 Years
2	Association of Lady Entrepreneurs of India (formerly known as ALEAP)	2016-17	5 Years
3	GSL Medical College, Rajahmundry	2016-17	3 Years
4	Institute of Company Secretaries of India, New Delhi	2016-17	No Time Period
5	Skill Development Centre	2016-17	3 Years
6	IACG Multimedia Pvt Ltd, Hyderabad	2015-16	1 Year
7	CSIR-Indian Institute of Chemical Technology, Hyderabad	2016-17	5 Years
8	ELICO Ltd, Hyderabad	2016-17	3 Years
9	CTRI Indian Council for Agriculture Research, New Delhi	—	3 Years
10	Infoplus Technologies Pvt Ltd, Chennai	2017-18	5 Years
11	Institute of Seismological Research, Gujarat	2017-18	3 Years
12	Spoken Tutorial Project - IIT Bombay	2016-17	No Time Period
13	KRRG Technologies Pvt Ltd, Visakhapatnam	2017-18	3 Years
14	Reliance Jio Infocom Ltd, Mumbai	2018	3 Years
15	National Research Development Corporation (NRDC), New Delhi	2018-19	5 Years
16	Dr. Lakshmaiah IAS Study Circle	2018-19	2 Years
17	GSL-Wellness Centre	2018-19	1 Year
18	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA), Bengaluru	2018-19	3 Years

Government of Andhra Pradesh
A.P. State Disaster Response and Fire Services Department
No Objection Certificate for Occupancy

To

Administrative Building Adikavi Nannaya
University Campus Rajamahendravaram-
533296,

East Godavari

File No: 11770/EG/RFO/2020
Date: 18/03/2020

Sir/Madam,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - No Objection Certificate for Occupancy to the existing / newly constructed Multi Storeyed Building (Adikavi Nannaya University (SCIENCE COLLEGE)) REGISTRAR,Adikavi Nannaya University, Adikavi Nannaya University Campus Rajamahendravaram-533296 - Regarding.

Ref: 1. Online Application Dt. 03-03-2020 , REGISTRAR,Adikavi Nannaya University, Adikavi Nannaya University Campus Rajamahendravaram-533296
        2. Online Inspection Report submitted by Officers of this Department on 15-03-2020.

It is to inform that REGISTRAR,Adikavi Nannaya University applied for No Objection Certificate on 03-03-2020 for Occupancy to the existing / newly constructed Multi Storeyed Building for Adikavi Nannaya University (SCIENCE COLLEGE) at Adikavi Nannaya University Campus Rajamahendravaram-533296. The officers of the department have scrutinized the information, documents and plans submitted by the applicant along with the undertaking provided by the applicant, and have submitted the following report.

Adikavi Nannaya University (SCIENCE COLLEGE)

2. The builder has constructed a Non Multi Storeyed Building with Ground Floor + 2 Upper Floors with a height of 11.3 Mtrs for Educational Occupancy (Category - B1) in a total plot area of 378967.9 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder	Remarks
North	6 Meters	34.73 Meters	-Nil-
East	6 Meters	10.69 Meters	-Nil-
South	6 Meters	22.49 Meters	-Nil-
West	3 Meters	9.59 Meters	-Nil-

4. The builder has constructed following means of escape:

Sl	Details of Staircases	Required Nos /Meters as per A.P.B.R	Required based on Floor Area	Provided Nos / Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.5 Meters Each	--	2 Nos. - 1.5 Meters Each	-Nil-
2	External Staircases	Min 1 No. - 1.5 Meters Each	--	2 Nos. - 1.5 Meters Each	-Nil-
	Total	2 Nos.	2 Meters	6 Meters	-Nil-

5. The builder has proposed to provide Occupant Load :

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Fire Doors	Fire Lift	Deficit
1	Ground Floor	3044	Educational - Engineering and Technology	240	243	2.4	4	0	Nil
2	First Floor	3044	Educational - Engineering and Technology	240	243	2.4	4	0	Nil
3	Second Floor	3044	Educational - Engineering and Technology	240	243	2.4	4	0	Nil
4	Terrace Floor	0	Other Non-Occupanices	0	--	--	--	--	Nil
	Total	9132		720	729				

6. The minimum Fire Fighting Installations required as per Table 7 of Part 4 of National Building Code of India 2016 are:

Sl	Fire Safety System	Minimum Required	Provided
1	Fire Extinguishers	93 Nos.	93 Nos.
2	Hose Reel Systems	12 Nos.	12 Nos.
3	Terrace Tank	10000 Ltrs	20000 Ltrs Ltrs
4	Booster Pump	450 LPM	450 LPM
5	Additional Fire Safety measures	NA	MCP 9 No.s

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

Sl.	Floor	Fire Ext.	Hose Reel	Terrace Tank	Booster Pump	Addl
1	Ground Floor	31 /31	4 /4			
2	First Floor	31 /31	4 /4			
3	Second Floor	31 /31	4 /4			
	Total	93 /93	12 /12	10000 Ltrs /20000 Ltrs Ltrs	450 LPM /450 LPM	NA /MCP 9 No.s

- **Provide ABC 5 kg/6 kg fire extinguishers**

8. The Officers of the department have recommended to issue The No Objection Certificate for Occupancy of Non MSB Educational Building (B1) belonging to **REGISTRAR,Adikavi Nannaya University Adikavi Nannaya University Campus Rajamahendravaram-533296**, subject to the following conditions.

Occupancy NOC Conditions :

Sl.	Condition	Complied by the Applicant / Not
1	The permission accorded doesn't confer any ownership rights. If it is found that the information furnished is false and fabricated, the permission will be revoked at any stage and the applicant will be liable for criminal prosecution as per IPC.	No
2	This permission is given based on the information, documents and drawings provided by the applicant. The applicant confirms that the information provided and the documents and drawings submitted electronically are correct. The final approvals of proceedings are subjected to verification of documents by concerned official including site visit. Any deviation noticed will lead to cancellation of NOC.	No
3	Prior approval should be obtained separately for any change of nature of occupancy or change of number of floors or area.	No
4	Structural safety shall be the responsibility of the Owner / Builder / Developer / Architect or Engineer.	No
5	Provide one entry and one exit to the premises with minimum width of 4.5 mts and height clearance of 5.0 mtrs.	No
6	Provide diesel generator of required capacity as alternate source of electric supply.	No
7	Provide emergency lighting in corridors, common passages and staircases.	No
8	The occupant load and occupants per unit exit width and minimum travel distance for occupancy shall be as per clause 4.3 (Table 3), clauses 4.4.2.1, Table 4 Capacity factors, Clauses 4.4.2.1,4.4.2.3(c), 4.4.2.4.2(a) and Table 5 Clauses 4.4.2.1, 4.4.2.2, of part 4-NBC 2016	No
9	The building shall be suitably compartmented so that fire/smoke remain confined to the area where fire incident has occurred and does not spread to the remaining parts of the building as per clause 4.5 Part 4 of National Building Code of India 2016.	No
10	Openings in any separating walls in any floor shall be limited to 5.6 meters in area with maximum height of 2.75 meters. Every wall opening shall be protected with Fire resisting doors having fire rating of not less than 2 hrs. All openings in the floors shall be protected by vertical enclosures extending above and below such openings, the wall of such enclosures having a fire resistance of not less than 2 hrs and all openings there in being protected with a fire resisting assembly Strictly Complying with IS:3614 Part-I 1966 and Clause 3.4.5 of NBC 2016, Part 4. Fire doors should be provided in each floor.	No
11	Illumination of means of Exit in Staircases and Corridors shall be provided with DG Set Electrical Power as per Clause 3.4.7 of Part 4 of NBC of India 2016.	No
12	Smoke Venting facilities for safe use of exits shall be provided as per clause 3.4.8, 4.4.2.5 & 4.6 Part -IV of NBC 2016. Emergency Power Supply shall be provided for smoke venting equipment with DG Supply.	No
13	All Fire Safety Systems shall be provided as per the provisions of Part -4 of NBC of India 2016	No

Sl.	Condition	Complied by the Applicant / Not
14	Levelled hard open spaces as mentioned in the Provisional NOC including 7 meters drive way all around the building for operation of fire vehicles shall be provided.	No
15	Fire doors with 2 hrs Fire Resistance shall be provided at appropriate places along the escape route and particularly at the entrance to the lift lobby, corridors and staircases.	No
16	Ventilation of Staircases shall comply with Clause 4.4.2.5, 4.6 of Part 4 of NBC 2016.	No
17	No Hazardous materials such as Petroleum products, explosives, chemicals etc should be stored on any floor of the building.	No
18	ANNEX-D, part-IV, NBC-2016, D-3 DRILLS : D-3.1 Fire drills shall be conducted, in accordance with the fire safety plan, at least once every three months for building during the first two years. thereafter, fire drills shall be conducted at least once every six months. D-3.2 All occupants of the building shall participate in the fire drill. However, occupants of the building, other than building service employees are not required to leave the floor or use the exits during the drill. D-3.3 A written record of such drill shall be kept on the premises for a three years period and shall be readily available for fire brigade inspection.	No
19	ANNEX-D, part-IV, NBC-2016, D-4 SIGNS AND PLANS D-4.1 Signs at lift Landings A sign shall be posted and maintained in a conspicuous place on every floor at or near lift landing in accordance with the requirements, indicating that in case of fire, occupants shall use the unless instructed otherwise. The sigh shall contain a diagram showing the location of the stairways except that such diagram may be omitted. provide signs containing such diagram are posted in conspicuous places on the respective floor.	No
20	ANNEX-D, part-IV, NBC-2016, D-5 FIRE SAFETY PLAN D-5.1 A Format for the fire safety plan shall be as given in D-9.10. D-5.2 The applicable parts of the approved fire safety plan shall be distributed to all tenants of the building by the building management when the fire safety plan has been approved by the fire Authority. D-5.3 The applicable parts of the approved fire safety plan shall the be distributed by the tenants to all their employees and by the building management to all their building employees. D-5.4 In the event there are changes from conditions existing at the time the fire safety plan for the building was approved. and the changes are such so as to require amending the fire safety plan. within 30 days after such changes an amended fire safety plan shall be submitted to the fire brigade for approval.	No
21	ANNEX-D, part-IV, NBC-2016, D-6 FIRE COMMANDS CENTRE A Fire Command Center shall be established in the building.	No

The No Objection Certificate for Occupancy is issued subject to the following conditions:

1. All fire safety systems provided shall be maintained in trim working condition at all times.
2. All Security/ Maintenance personnel shall be trained on the usage of fire equipment provided.
3. Fire Drills shall be conducted once in every 3 months.
4. As per report of Non MSB Inspection committee; the NOC Committee has scrutinized the Inspection Committee Report along with Proposals and recommended for issuance of No Objection Certificate for Occupancy subject to the following Conditions.

Sl	As Builder	As Occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibilty of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipments during emergency.
4	This No objection Certificate for occupancy is valid for one year from the date of issue of this letter	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once from nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows.

5. **This No Objection Certificate for Occupancy is valid for a period of one year only from the date of issue of this letter. It is the responsibility of the builder to apply for Renewal of No Objection Certificate for Occupancy, duly remitting the User Charges as per G.O.Ms.No.71, Home (Prison-A) Department, dated 01-04-2010 and G.O.Ms.No.140, Home (Prison & Fire) Department, dated.04-09-2015, before expiry of this No Objection Certificate.**

9. The following deficiencies are identified by the officers of the department and need to be attended to by the management.

subject to provide 2 no,s of staircases within 3 months from the date of issue, the conditional Occupancy NOC is issued.

In view of the above, as per the recommendations of the NOC Committee, the No Objection Certificate for Occupancy is hereby issued to the Newly constructed Non Multi Storeyed Building subject to the above conditions.

11770/EG/RFO/2020

Your Sincerely,

Regional Fire Officer
Andhra Pradesh, Vijayawada

Copy to REGISTRAR,Adikavi Nannaya University, Administrative Building Adikavi Nannaya University Campus Rajamahendravaram-533296
Copy to Chief Office for Record Purpose
Copy to District Fire Officer concerned
Copy to Assistant District Fire Officer concerned
Copy to Station Fire Officer concerned

ADIKAVI NANNAYA UNIVERSITY RAJAMAHENDRAVARAM

UNIVERSITY COLLEGE OF ENGINERING

NOTICE BOARDS

Electrofity - The Wall Journal, Dept of ECE, UCE,AKNU

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STUDENT
ACTIVITIES/ACHIEVEMENTS

Git Wall - The Wall Journal, Dept of CSE, UCE, AKNU

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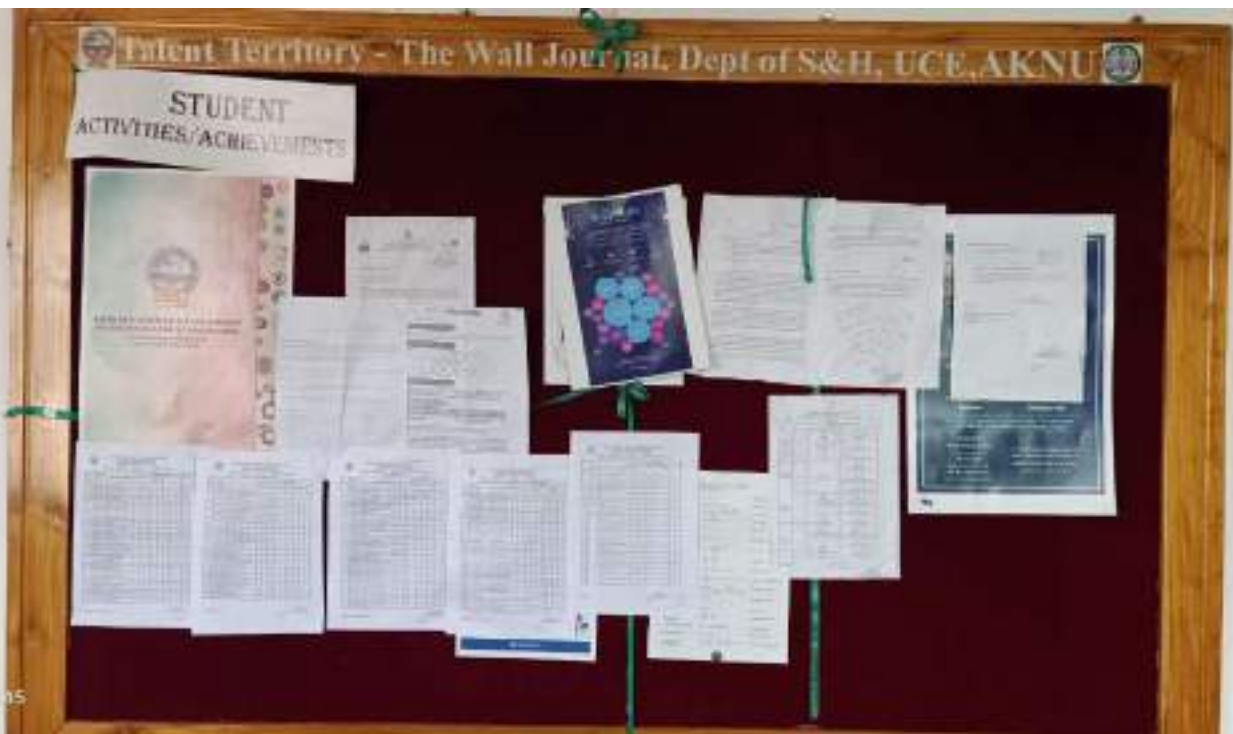
SPARK - The Wall Journal of Mechanical Engineering, UCE

ARTICLE BY FACULTY / STUDENTS

TRENDS & TECHNOLOGY

NB309
UPS Room

UPS Room
N Block
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist, AP - 533296

AKNU College
Of Engineering
AKNU

Google

17° 4' 2.2584"
81° 52' 23.8728"

Solar Panels - Front
A Block
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist, AP - 533296

17° 3' 53.3838"
81° 52' 22.3176"

Google

Solar Panels - Back
Library
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist, AP - 533296

17° 3' 52.8048"
81° 52' 25.8486"

AKNU Library

Google

Solar Panels - Front
Library
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist, AP - 533296

AKNU Library

Google

17° 3' 52.7292"
81° 52' 25.176"
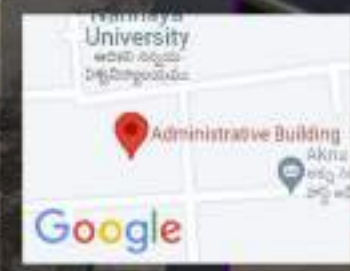
Solar Panels - Front
International Guest House
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist. AP - 533296

17° 3' 50.7492"
81° 52' 26.5758"

Google

Solar Panels - Entrance Left
Womens Hostel
Adikavi Nannaya University
Rajamahendravaram
E.G. Dist. AP - 533296
17°03'54.11400"
81°52'30.74400"

ADIKAVI NANNAYA UNIVERSITY

RAJAMAHENDRAVARAM

"ISO 9001: 2015 Certified"

==

No. ANUR/SII-Estt-1/F.No-55/2022/1   Date: 02.03.2022

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub: ANUR – Estt. – Appointment of Nodal Officer for furnishing information in respect of matters relating to SC, ST, OBC, PWD and minorities – UGC - Orders – Issued.

Ref: 1. Lr. No. F. 1-6/2022 (SCT), Dt: 22.02.2022 of the Joint Secretary, UGC, Ministry of Education, Govt. of India, New Delhi.

2. Orders of the Vice-Chancellor Dtd: 28.02.2022.

******

ORDER:

With reference to the above, the Hon'ble Vice-Chancellor is pleased to order that the following faculty members be nominated as Nodal Officers from this University to look after the implementation of reservation policy of Government of India in respect to SC, ST, OBC, PWD and minorities. This will be in force until further orders in addition to their normal duties.

S.No	Name of the Nodal Officer	Designation	Category
1	Prof. S. Teki	Professor	OBC
2	Dr. P. Venkateswara Rao	Associate Professor	SC
3	Dr. P. Vijaya Nirmala	Assistant Professor	ST
4	Sri. M. Pochayya	Assistant Professor	PWD
5	Sri. B. Basavalinga Ahmad Alibaba	Asst. Professor (Ad-hoc)	Minorities

(BY ORDER)

(T. ASHOK) 28/3/22
REGISTRAR

To:
The above individuals
Copy to:
All the Principals of the University Colleges
The Asst. Registrar (Estt.)
PS to VC
PA to Registrar
OOF

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING
RAJAMAHENDRAVARAM

Department of
Computer Science and Engineering

B.Tech (CSE)

SYLLABUS &
MODEL QUESTION PAPERS
(For the admitted batch of 2020-21)

Board of Studies
University College of Engineering

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester I (First Year) Curriculum

Course Code	Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSC-CS 101	English-I	3	0	0	25	75	100	3
BSC-CS 102	Engineering Mathematics-I	3	0	0	25	75	100	3
BSC-CS 103	Engineering Chemistry	3	0	0	25	75	100	3
ESC-CS 104	Fundamentals of Computer Science	3	0	0	25	75	100	3
ESC-CS 105	Basics of Electronics	3	0	0	25	75	100	3
LC-CS 106	Engineering Chemistry lab	0	0	3	50	50	100	1.5
LC-CS 107	Engineering workshop Lab	0	0	3	50	50	100	1.5
LC-CS 108	IT Workshop Lab	0	0	3	50	50	100	1.5
MC-CS 109	Professional Ethics and Human Values	2	0	0	25	75	100	0
	Induction Programme					3 Weeks Duration		
TOTAL		17	0	9	300	600	900	19.5

Dr. B. Kezia Rani
BOS - Convenor
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM 533 296

DEAN
Academic Affairs
Adikavi Nannaya University
RAJAHMUNDRY 533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester II (First Year) Curriculum

Course Code	Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSC-CS 201	English-II	3	0	0	25	75	100	3
BSC-CS 202	Engineering Mathematics-II	3	0	0	25	75	100	3
BSC-CS 203	Engineering Physics	3	0	0	25	75	100	3
ESC-CS 204	Programming For Problem solving	3	0	0	25	75	100	3
ESC-CS 205	Engineering Graphics	1	0	4	25	75	100	3
LC-CS 206	English Communication Skills Lab	0	0	3	50	50	100	1.5
LC-CS 207	Engineering Physics Lab	0	0	3	50	50	100	1.5
LC-CS 208	Programming for Problem solving Lab	0	0	3	50	50	100	1.5
MC-CS 209	Environmental Science	2	0	0	25	75	100	0
TOTAL		15	0	13	300	600	900	19.5

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ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)

Semester III (Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-CS301	Database Management System	75	25	100	3	0	0	3
PCC-CS302	Software Engineering	75	25	100	3	0	0	3
PCC-CS303	Data Structures	75	25	100	3	0	0	3
PCC-CS304	Operating System	75	25	100	3	0	0	3
BSC-CS305	Probability Statistics and Queuing Theory	75	25	100	3	0	0	3
LC-CS306	Database Management System Lab	50	50	100	0	0	3	1.5
LC-CS307	Data Structures Lab	50	50	100	0	0	3	1.5
LC-CS308	Operating System Lab	50	50	100	0	0	3	1.5
MC-CS309	Essence of Indian Traditional Knowledge	75	25	100	2	0	0	0
MC-CS310	Skill Development Course – Soft Skills	50	50	100	1	0	2	2
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)

Semester IV(Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-CS401	Computer Organization and Architecture	75	25	100	3	0	0	3
PCC-CS402	Computer Networks	75	25	100	3	0	0	3
PCC-CS403	Object Oriented Programming through JAVA	75	25	100	3	0	0	3
BSC-CS404	Discrete Mathematical Structures	75	25	100	3	0	0	3
HSMC-CS405	Management Science	75	25	100	3	0	0	3
LC-CS 406	Computer Organization and Architecture Lab	50	50	100	0	0	3	1.5
LC-CS407	Computer Network Lab	50	50	100	0	0	3	1.5
LC-CS408	Object Oriented Programming through JAVALab	50	50	100	0	0	3	1.5
MC-CS409	Skill Development Course - MOOCs	50	50	100	1	0	2	2
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester V (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-CS501	Micro Processors and Micro Controllers	75	25	100	3	0	0	3
PCC-CS502	Formal Languages and Automata Theory	75	25	100	3	0	0	3
PCC-CS503	Design and Analysis of Algorithms	75	25	100	3	0	0	3
PCC-CS504	Object Oriented Analysis & Design with UML	75	25	100	3	0	0	3
PEC-CS505	Elective-1 1.Artifitial Intelligence & Neural Networks 2.Distributed Operating Systems 3.Internet of Things	75	25	100	3	0	0	3
LC-CS506	Micro Processor and Micro Controller Lab	50	50	100	0	0	3	1.5
LC-CS507	Object Oriented Analysis & Design with UML Lab	50	50	100	0	0	3	1.5
MC-CS508	Constitution of India	75	25	100	2	0	0	0
MC-CS509	Skill Development Course- Tutorials	50	50	100	1	0	2	2
MC-CS510	SUMMER INTERNSHIP	-	100	100	-	-	-	1.5
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week
Summer Internship 2 Months (Mandatory) after second year(to be evaluated during V semester

Dr. B. Kezia Rani
BOS-Convener
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM - 533 296.

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester VI (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-CS601	Network Security and Cryptography	75	25	100	3	0	0	3
PCC-CS602	Data Warehouse and Data Mining	75	25	100	3	0	0	3
PCC-CS603	Web Technologies	75	25	100	3	0	0	3
PEC-CS604	Elective-II 1.Cloud Computing 2.Grid Computing 3.Mobile Computing	75	25	100	3	0	0	3
OEC-CS605	Open Elective-I 1. Compiler Design 2. Embedded Systems 3. Robotics	75	25	100	3	0	0	3
LC-CS606	Network Security and Cryptography Lab	50	50	100	0	0	3	1.5
LC-CS607	Data Mining with R Lab	50	50	100	0	0	3	1.5
LC-CS608	Web Technologies Lab	50	50	100	0	0	3	1.5
MC-CS609	Skill Development Course –Tutorials	50	50	100	1	0	2	2
	Total Credits							21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

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UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM-533 296

ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)
Semester VII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PEC-CS701	Elective-III 1.Software Testing and Quality Assurance 2.Software Architectures and Design Patterns 3.Agile Software Development	75	25	100	3	0	0	3
PEC-CS702	Elective-IV 1.Python Programming 2.AJAX/JSON 3.PHP Programming	75	25	100	3	0	0	3
PEC-CS703	Elective-V 1.Computer Vision and Pattern Recognition 2.Machine Learning 3.Big Data Analytics	75	25	100	3	0	0	3
OEC-CS704	Open Elective-II 1.Business Intelligence and Visualization 2.Natural Language Processing 3.Advanced Databases	75	25	100	3	0	0	3
OEC-CS705	Open Elective-III 1.Foundations of Data Science 2.Block Chain Technology 3.Computer Forensics	75	25	100	3	0	0	3
HSMC-CS706	Managerial Economics and Financial Accounting	75	25	100	3	0	0	3
MC-CS707	Skill Development Course – Entrepreneurship Development	50	50	100	1	0	2	2
MC-CS708	Industrial Internship/Mini Project	--	100	100	--	--	--	3
	Total Credits							23

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week
Summer Internship 2 Months (Mandatory) after third year(to be evaluated during VII semester

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ADIKAVI NANNAYA UNIVERSITY::RAJAMAHENDRAVARAM
BTech (CSE) (2020-21 AB)

Semester VIII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Int	Ext		L	T	P	
PROJ-CS801	Project-I	100	200		-	-	-	12
	Total Credits							12

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING
RAJAMAHENDRAVARAM

Department of
Electronics and Instrumentation Engineering

I, II, III & IV YEAR
(For the admitted batch of 2020-2021 under CBCS Scheme)
B. Tech (EIE)
Course Structure, Syllabus & Model Question Papers

Board of Studies
University College of Engineering

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Course Structure (for the AB 2020-21)
B. Tech, I Year Degree Course
(From the admitted batch of 2020 – 2021 under CBCS Scheme)

I B. Tech I Semester EIE w.e.f 2020-21 (I Semester)

Course Code	Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSMC-EI101	English-I	3	0	0	25	75	100	3
BSC-EI102	Engineering Mathematics-I	3	0	0	25	75	100	3
BSC- EI103	Engineering Physics	3	0	0	25	75	100	3
ESC- EI104	Engineering Graphics	1	0	4	25	75	100	3
ESC-EI105	Basics of Electrical Engineering	3	0	0	25	75	100	3
LC- EI106	Engineering Physics Lab	0	0	3	50	50	100	1.5
LC- EI107	Engineering Workshop Lab	0	0	3	50	50	100	1.5
LC- EI108	IT Workshop Lab	0	0	3	50	50	100	1.5
MC- EI109	Environmental Science	2	0	0	25	75	100	0
Induction Programme		3 Weeks Duration						
TOTAL CREDITS		15	0	13	300	600	900	19.5

I B. Tech II Semester EIE w.e.f 2020-21 (II Semester)

Course Code	Title of the Course	L	T	P	Max. Marks		Total Marks	Credits
		Hours per Week			Internal	External		
HSMC-EI201	English-II	3	0	0	25	75	100	3
BSC-EI202	Engineering Mathematics-II	3	0	0	25	75	100	3
BSC-EI203	Engineering Chemistry	3	0	0	25	75	100	3
ESC-EI204	Programming for Problem Solving	3	0	0	25	75	100	3
ESC-EI205	Electronic Devices and Circuits	1	0	4	25	75	100	3
LC-EI206	English Communication Skills	0	0	3	50	50	100	1.5
LC-EI207	Engineering Chemistry Lab	0	0	3	50	50	100	1.5
LC-EI208	Programing for Problem Solving Lab	0	0	3	50	50	100	1.5
MC-EI209	Professional Ethics and Human Values	2	0	0	25	75	100	0
TOTAL CREDITS		15	0	13	300	600	900	19.5

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

B. Tech, II Year Degree Course
(From the admitted batch of 2020 – 2021 under CBCS Scheme)

II B. Tech I Semester EIE w.e.f 2020-21 (III Semester)

Course Code	Title of the Course	L	T	P	Internal	External	Total Marks	Cred its
BSC-EI301	Mathematics - III	3	0	0	25	75	100	3
PCC-EI302	Network Analysis	3	0	0	25	75	100	3
PCC-EI303	Signals and Systems	3	0	0	25	75	100	3
PCC-EI304	Digital Electronics	3	0	0	25	75	100	3
PCC-EI305	Transducer Engineering	3	0	0	25	75	100	3
LC - EI306	Electronic Devices and Circuits Lab	0	0	3	50	50	100	1.5
LC-EI307	Digital Electronics Lab	0	0	3	50	50	100	1.5
LC-EI308	Industrial Instrumentation Lab-I	0	0	3	50	50	100	1.5
SDC-EI309	Skill Oriented Course (MOOC Course)	1	0	2	50	50	100	2
MC-EI310	Essence of Indian Traditional Knowledge	2	0	0	25	75	100	0
	TOTAL CREDITS	18	0	11	350	650	1000	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week

II B. Tech II Semester EIE w.e.f 2020-21 (IV Semester)

Course Code	Title of the Course	L	T	P	Internal	External	Total Marks	Credits
ESC-EI401	Electronic Circuit Analysis	3	0	0	25	75	100	3
BSC-EI402	Electronic Measurements and Instrumentation	3	0	0	25	75	100	3
PCC-EI403	Industrial Instrumentation	3	0	0	25	75	100	3
PCC-EI404	Linear Control Systems	3	0	0	25	75	100	3
HSMC-EI405	Managerial Economics and Financial Analysis	3	0	0	25	75	100	3
LC-EI406	Network Analysis Lab	0	0	3	50	50	100	1.5
LC-EI407	Electrical Measurements Lab	0	0	3	50	50	100	1.5
LC-EI408	Industrial Instrumentation Lab-II	0	0	3	50	50	100	1.5
SDC-EI409	Skill Oriented Course	1	0	2	50	50	100	2
	TOTAL CREDITS	16	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after second year which can be evaluated during V Semester.

III B. Tech I Semester EIE w.e.f 2020-21 (V Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EI501	Linear Integrated Circuits	3	0	0	25	75	100	3
PCC-EI502	Analytical Instrumentation	3	0	0	25	75	100	3
PCC-EI503	Biomedical Instrumentation	3	0	0	25	75	100	3
OEC -EI504	**Open Elective Course-I** A. Computer Organization B. Computer Networks C. DBMS	3	0	0	25	75	100	3
PEC -EI505	**Professional Elective Course– I** A. VLSI Design B. Industrial Safety and Maintenance Engineering C. Digital Signal Processing	3	0	0	25	75	100	3
LC-EI506	Linear Integrated Circuits Lab	0	0	3	50	50	100	1.5
LC-EI507	Analytical Instrumentation Lab	0	0	3	50	50	100	1.5
SAC-EI508	Skill advanced course / Soft Skill	1	0	2	50	50	100	2
MC-EI509	Constitution of India	2	0	0	25	75	100	0
Summer Internship 2 Months (Mandatory) after Second year (to be evaluated during V Semester		0	0		50	50	100	1.5
	TOTAL CREDITS	18	0	08	350	650	1000	21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week.

III B. Tech II Semester EIE w.e.f 2020-21 (VI Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EI601	Microprocessors and Microcontrollers	3	0	0	25	75	100	3
PCC-EI602	Process Control Instrumentation	3	0	0	25	75	100	3
PCC-EI603	Virtual Instrumentation	3	0	0	25	75	100	3
OEC-EI604	**Open Elective Course – II** A. Object Oriented Programming Through Java B. Python Programming C. Machine Learning.	3	0	0	25	75	100	3
PEC-EI605	**Professional Elective Course – II** A. Embedded Systems B. Digital Control Systems C. Industrial Communication Systems	3	0	0	25	75	100	3
LC-EI606	Microprocessors and Microcontrollers Lab	0	0	3	50	50	100	1.5
LC-EI607	Process control Instrumentation Lab	0	0	3	50	50	100	1.5
LC-EI608	Virtual Instrumentation Lab	0	0	3	50	50	100	1.5
SSC-EI609	Skill advanced course / Soft Skill	1	0	2	50	50	100	2
	TOTAL CREDITS	16	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after Third year which can be evaluated during VII Semester.

IV B. Tech I Semester EIE w.e.f 2020-21 (VII Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PEC-EI701	**Professional Elective Course-III** A. Process Modeling & Simulation B. Principles of Communication C. Computer control of Processes	3	0	0	25	75	100	3
PEC-EI702	**Professional Elective Course -IV** A. Fiber optics and LASER Instrumentation. B. Robotics & Automation C. Geo Information Systems	3	0	0	25	75	100	3
PEC-EI703	**Professional Elective Course -V** A. System Identification B. Reliability Engineering C. Power plant Instrumentation	3	0	0	25	75	100	3
OEC-EI704	**Open Elective Course – III** A. Digital Image Processing. B. Industrial Electronics C. Artificial Neural Networks & Fuzzy Logic	2	0	0	25	75	100	3
OEC-EI705	**Open Elective Course – IV** A. Internet of Things (IoT). B. Wireless Sensor Network. C. MEMS and its Application.	2	0	0	25	75	100	3
HSMC-EI706	Management Science	3	0	0	25	75	100	3
SAC-EI707	Skill advanced course / Soft Skill	1	0	2	50	50	100	2
Industrial Internship 2 Months (Mandatory) after Third year (to be evaluated during VII Semester		0	0	0	50	50	100	3
TOTAL CREDITS		**17**	**0**	**02**	**250**	**550**	**800**	**23**

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week.

IV B. Tech II Semester EIE w.e.f 2020-21 (VIII Semester)

Course Code	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
Project	Project Work				100	200	300	12
TOTAL CREDITS					100	200	300	12

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING RAJAMAHENDRAVARAM

Department of
Electronics and Communication Engineering

B Tech(ECE)
Syllabus & Model Question Papers

I, II, III &IV YEAR
(For the admitted batch of 2020-21)

Board of Studies
University College of Engineering

(As per Model Curriculum for Undergraduate Degree Courses
in Engineering &Technology, January, 2018, AICTE, New Delhi)

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B. Tech, Four Year Degree Course
(From the admitted batch of 2020-21 under CBCS Scheme)

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ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM
UNIVERSITY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

B. Tech, Four Year Degree Course
(From the admitted batch of 2020-21 under CBCS Scheme)

I B. Tech I Semester ECE w.e.f 2020-21AB (I Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
HSMC-EC101	English-I	3	0	0	25	75	100	3
BSC-EC102	Engineering Mathematics-I	3	0	0	25	75	100	3
BSC- EC103	Engineering Physics	3	0	0	25	75	100	3
ESC-EC104	Engineering Graphics	1	0	1	25	75	100	3
ESC-EC105	Basics of Electrical Engineering	3	0	0	25	75	100	3
LC- EC106	Engineering Physics Lab	0	0	3	50	50	100	1.5
LC- EC107	Engineering Workshop Lab	0	0	3	50	50	100	1.5
LC- EC108	IT Workshop Lab	0	0	3	50	50	100	1.5
MC- EC109	Environmental Science	2	0	0	25	75	100	0
	Induction Programme	3 Weeks Duration						
TOTAL CREDITS		15	0	13	300	600	900	19.5

I B. Tech II Semester ECE w.e.f 2020-21AB (II Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
HSMC-EC201	English-II	3	0	0	25	75	100	3
BSC-EC202	Engineering Mathematics-II	3	0	0	25	75	100	3
BSC-EC203	Engineering Chemistry	3	0	0	25	75	100	3
ESC-EC204	Programming for Problem Solving	3	0	0	25	75	100	3
ESC-EC205	Electronic Devices and Circuits	1	0	4	25	75	100	3
LC-EC206	English Communication Skills Lab	0	0	3	50	50	100	1.5
LC-EC207	Engineering Chemistry Lab	0	0	3	50	50	100	1.5
LC-EC208	Programming for Problem Solving Lab	0	0	3	50	50	100	1.5
MC-EC209	Professional Ethics and Human Values	2	0	0	25	75	100	0
TOTAL CREDITS		15	0	13	300	600	900	19.5

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DEPARTMENT OF ECE | i

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II B. Tech I Semester ECE w.e.f 2020-21AB (III Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
BSC-EC301	Mathematics —III	3	0	0	25	75	100	3
BSC-EC302	Probability Theory and Stochastic Processes	3	1	0	25	75	100	3
PCC-EC303	Signals and Systems	3	0	0	25	75	100	3
PCC-EC304	Switching Theory and Logic Design	3	0	0	25	75	100	3
PCC-EC305	Electromagnetic field theory and Transmission Lines	3	0	0	25	75	100	3
LC-EC 306	Electronic Devices and Circuits Lab	0	0	3	50	50	100	1.5
LC-EC 307	Switching Theory and Logic Design Lab	0	0	3	50	50	100	1.5
LC-EC 308	Electronic Workshop Practice Lab	0	0	3	50	50	100	1.5
SDC-EC309	Skill Development Course	1	0	2	50	50	100	2
MC-EC310	Essence of Indian Traditional Knowledge	2	0	0	25	75	100	0
TOTAL CREDITS		18	0	11	350	650	1000	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week

II B. Tech II Semester ECE w.e.f 2020-21AB (IV Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
ESC-EC401	Network Analysis	3	0	0	25	75	100	3
BSC-EC402	Control Systems	3	0	0	25	75	100	3
PCC-EC403	Analog and Digital Circuits	3	0	0	25	75	100	3
PCC-EC404	Analog Communications	3	0	0	25	75	100	3
HSMC-EC405	Managerial Economics and Financial Analysis	3	0	0	25	75	100	3
LC-EC 406	Network Analysis and ET Lab	0	0	3	50	50	100	1.5
LC-EC 407	Analog Communications Lab	0	0	3	50	50	100	1.5
LC-EC 408	Analog & Digital Circuits Lab	0	0	3	50	50	100	1.5
SDC-EC409	Skill Development Course	1	0	2	50	50	100	2
TOTAL CREDITS		16	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after second year which can be evaluated during V Semester.

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III B. Tech I Semester ECE w.e.f 2020-21 AB (V Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EC501	Linear IC Applications	3	0	0	25	75	100	3
PCC-EC502	Antennas and Wave Propagation	3	0	0	25	75	100	3
PCC-EC503	Digital Communications	3	0	0	25	75	100	3
EC-EC504	Open Elective Course-I A. Computer Organization B. Networks and Protocols C. Data Mining and Ware Housing	2	0	2	25	75	100	3
PEC-EC505	Professional Elective - I A. VLSI Design B. Digital IC Design C. Optoelectronics	3	0	0	25	75	100	3
LC-EC506	Digital Communications Lab	0	0	3	50	50	100	1.5
LC-EC507	Linear IC Applications Lab	0	0	3	50	50	100	1.5
SDC-EC508	Skill Development Course	1	0	2	50	50	100	2
MC-EC509	Constitution of India	2	0	0	25	75	100	0
	Summer Internship 2 Months (Mandatory) after Second year (to be evaluated during V Semester	0	0	0	100	-	100	1.5
TOTAL CREDITS		17	0	10	400	600	1000	21.5

Note: 2 lab Hrs/Week and 1 Theory Hrs/Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs/ Week

III B. Tech II Semester ECE w.e.f 2020-21AB (VI Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PCC-EC601	Microprocessors and Microcontrollers	3	0	0	25	75	100	3
PCC-EC602	Microwave Engineering	3	0	0	25	75	100	3
PCC-EC603	Digital Signal Processing	3	0	0	25	75	100	3
PEC-EC604	Professional Elective Course - II A. Computer Networks Engineering B. Artificial Neural Networks and Fuzzy Logic C. Bio-Medical Engineering	3	0	0	25	75	100	3
OEC-EC605	Open Elective Course - II A. Python Programming B. Object Oriented Programming Through Java C. Machine Learning	2	0	0	25	75	100	3
LC-EC606	Microprocessors and Microcontrollers Lab	0	0	3	50	50	100	1.5
LC-EC607	Microwave Engineering Lab	0	0	3	50	50	100	1.5
LC-EC608	Digital Signal Processing Lab	0	0	3	50	50	100	1.5
SDC-EC609	Skill Development Course	1	0	2	50	50	100	2
TOTAL CREDITS		15	0	11	325	575	900	21.5

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./ Week. Two months Summer Internship/Technical Course mandatory after Third year which can be evaluated during VII Semester.

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IV B. Tech I Semester ECE w.e.f 2020-21AB (VII Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
PEC- EC701	**Professional Elective Course-III** A. Radar Engineering B. Satellite Engineering C. Analog IC Design	3	0	0	25	75	100	3
PEC- EC702	**Professional Elective Course -IV** A. Electronic Measurementsand Instrumentations B. Fibre optics and wireless optical Communications C. Information Theory and Coding	3	0	0	25	75	100	3
PEC- EC703	**Professional Elective Course -V** A. Mobile Cellular Communications. B. Wireless Communication C. ASIC Design	3	0	0	25	75	100	3
OEC- EC704	**Open Elective Course - III** A. Digital Image Processing B. Software Defined Radio. C. Television Engineering.	2	0	2	25	75	100	3
OEC- EC705	**Open Elective Course - IV** A. Embedded System. B. Global PositioningSystems. C. Smart Antenna Systems.	2	0	2	25	75	100	3
HSMC- EC706	Management Science	3	0	0	25	75	100	3
SDC- EC707	Skill Development Course	1	0	2	50	50	100	2
	Industrial Internship/Mini project 2 Months (Mandatory) after Second year (to be evaluated during V Semester	0	0	0	100	--	100	3
	TOTAL CREDITS	17	0	06	300	500	800	23

Note: 2 lab Hrs./Week and 1 Theory Hrs./Week for SKILL DEVELOPMENT COURSE or 2 Theory Hrs./Week.

IV B. Tech II Semester ECE w.e.f 2020-21AB (VIII Semester)

CourseCode	Title of the Course	Hours/weeks			Max Marks		Total Marks	Credits
		L	T	P	Internal	External		
Project	Project Work				100	200	300	12
	TOTAL CREDITS				100	200	300	12

UNIVERSITY COLLEGE OF ENGINEERING   DEPARTMENT OF ECE | iv

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ADIKAVI NANNAYAUNIVERSITY

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RAJAMAHENDRAVARAM

Department of Mechanical Engineering

B.Tech (MECH)

SYLLABUS &
MODEL QUESTION PAPERS

I, II, III & IV YEAR
(For the admitted batch of 2020-21)

Board of Studies
University College of Engineering

CONTENTS

Branch/Course: Mechanical Engineering

Semester I (First Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-ME101	English-I	75	25	100	3	0	0	3
BSC-ME102	Engineering Mathematics-I	75	25	100	3	0	0	3
BSC- ME103	Engineering Chemistry	75	25	100	3	0	0	3
ESC- ME104	Fundamentals of Computer Science	75	25	100	3	0	0	3
ESC-ME105	Engineering Graphics	75	25	100	1	0	4	3
LC- ME106	English Communication Skills Lab	50	50	100	0	0	3	1.5
LC- ME107	Engineering Chemistry Lab	50	50	100	0	0	3	1.5
LC- ME108	IT Workshop Lab	50	50	100	0	0	3	1.5
MC- ME109	Professional Ethics and Human Values	75	25	100	2	0	0	0
	Induction Programme			3 weeks duration				
	Total Credits							**19.5**

Semester II (First Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-ME201	English II	75	25	100	3	0	0	3
BSC-ME202	Engineering Mathematics II	75	25	100	3	0	0	3
BSC-ME203	Engineering Physics	75	25	100	3	0	0	3
ESC-ME204	Programming for Problem Solving	75	25	100	3	0	0	3
ESC-ME205	Engineering Mechanics	75	25	100	3	0	0	3
LC-ME206	Engineering Physics Lab	50	50	100	0	0	3	1.5
LC-ME207	Engineering Workshop Lab	50	50	100	0	0	3	1.5
LC-ME208	Programming for Problem Solving Lab	50	50	100	0	0	3	1.5
MC-ME209	Environmental Science	75	25	100	2	0	0	0
	Total Credits							**19.5**

Semester III (Second Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
BSC-ME301	Probability and Statistics	75	25	100	3	0	0	3
PCC-ME302	Applied Thermodynamics	75	25	100	3	0	0	3
PCC-ME303	Mechanics of Solids	75	25	100	3	0	0	3
PCC-ME304	Metallurgy & Material Science	75	25	100	3	0	0	3
PCC-ME305	Fluid Mechanics & Hydraulic Machinery	75	25	100	3	0	0	3
LC-ME306	Mechanics of Solids Lab	50	50	100	0	0	3	1.5
LC-ME307	Fluid Mechanics & Hydraulic Machinery Lab	50	50	100	0	0	3	1.5
LC-ME308	Material Science Lab	50	50	100	0	0	3	1.5
MC-ME309	Essence of Indian Traditional Knowledge	75	25	100	2	0	0	0
MC-ME310	Skill Development Course - Soft Skills Lab	50	50	100	1	0	2	2
	Total Credits							**21.5**

Semester IV (Second Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-ME401	Basic Electrical & Electronics Engineering	75	25	100	3	0	0	3
PCC-ME402	Thermal Engineering	75	25	100	3	0	0	3
PCC-ME403	Production Technology	75	25	100	3	0	0	3
PCC-ME404	Machine Drawing	75	25	100	3	0	0	3
HSMC-ME405	Managerial Economics & Financial Analysis	75	25	100	3	0	0	3
LC-ME406	Basic Electrical & Electronics Engineering Lab	75	25	100	0	0	3	1.5
LC-ME407	Thermal Engineering Lab	50	50	100	0	0	3	1.5
LC-ME408	Production Technology Lab	50	50	100	0	0	3	1.5
MC-ME409	Skill Development Course - MOOCs	50	50	100	1	0	2	2
	Total Credits							**21.5**

Note: Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester)

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Semester V (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-ME501	Dynamics of Machinery	75	25	100	3	0	0	3
PCC-ME502	Design of Machine Members-I	75	25	100	3	0	0	3
PCC-ME503	Metal Cutting & Machine Tools	75	25	100	3	0	0	3
PEC-ME504	Professional Elective-I 1. Power Plant Engineering 2. Automobile Engineering 3. Theory of Elasticity & Plasticity	75	25	100	3	0	0	3
OEC-ME505	Open Elective-I 1. Nano-Technology 2. Robotics 3. Artificial Intelligence & Machine Learning	75	25	100	3	0	0	3
LC-ME506	Dynamics of Machinery Lab	50	50	100	0	0	3	1.5
LC-ME507	Machine Tools Lab	50	50	100	0	0	3	1.5
MC-ME508	Constitution of India	75	25	100	2	0	0	0
MC-ME509	Skill Development Course - Tutorials in the same domain	50	50	100	1	0	2	2
	Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester				0	0	0	1.5
	Total Credits							21.5

Semester VI (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-ME601	Metrology & Instrumentation	75	25	100	3	0	0	3
PCC-ME602	Heat Transfer	75	25	100	3	0	0	3
PCC-ME603	CAD/CAM	75	25	100	3	0	0	3
PEC-ME604	Professional Elective-II 1. Turbo Machinery Systems 2. Automation in Manufacturing 3. Advanced Materials	75	25	100	3	0	0	3
OEC-ME605	Open Elective-II 1. Industrial Tribology 2. Optimization Techniques 3. Mechatronics	75	25	100	3	0	0	3
LC-ME606	Metrology & Instrumentation Lab	50	50	100	0	0	3	1.5
LC-ME607	Heat Transfer Lab	50	50	100	0	0	3	1.5
LC-ME608	Simulation Lab	50	50	100	0	0	3	1.5
MC-ME609	Skill Development Course - Tutorials in the same domain	50	50	100	1	0	2	2
	Total Credits							21.5

Note: Industrial Internship 2 Months (Mandatory) after second year (to be evaluated during VII semester)

Dr. B. Kezia Rani
BOS - Convener

Semester-VII (Fourth Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PEC-ME701	Professional Elective-III 1. Finite Element Method 2. Measurements & CNC Machines 3. Advanced Foundry & Welding Technology	75	25	100	3	0	0	3
PEC-ME702	Professional Elective-IV 1. Experimental stress analysis 2. Design for Manufacture 3. Total Quality Control &Management	75	25	100	3	0	0	3
PEC-ME703	Professional Elective-V 1. Unconventional machining processes 2. Production planning &control 3. Mechanical Vibrations	75	25	100	3	0	0	3
OEC-ME704	Open Elective-III 1. Non Destructive Evaluation 2. Additive Manufacturing 3. Concurrent Engineering	75	25	100	3	0	0	3
OEC-ME705	Open Elective-IV 1. Cryogenic Engineering 2. Tool Design 3. Supply Chain Management	75	25	100	3	0	0	3
HSMC- ME706	Industrial Engineering & Management	75	25	100	3	0	0	3
MC-ME707	Skill Development Course - Tutorials in the same domain	50	50	100	1	0	2	2
Industrial Internship 2 Months or Mini-Project (Mandatory) after third year (to be evaluated during VII semester					0	0	0	3
Total Credits								23

Semester-VIII (Fourth Year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week	Credits
		Ext	Int			
Project	Project Work					12
		200	100	300		
Total Credits						12

Dr. B. Kezia Rani
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UNIVERSITY COLLEGE OF ENGINEERING

ADIKAVI NANNAYAUNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING

RAJAMAHENDRAVARAM

Department of Civil Engineering

B.Tech (CE)

**SYLLABUS &
MODEL QUESTION PAPERS**

I, II, III & IV YEAR
(For the admitted batch of 2020-21)

Board of Studies

University College of Engineering

1

CONTENTS

BTECH CIVIL ENGINEERING PROGRAMME STRUCTURE

Branch/Course: Civil Engineering Semester I (First year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-CE101	English-I	75	25	100	3	0	0	3
BSC-CE102	Engineering Mathematics-I	75	25	100	3	0	0	3
BSC-CE103	Engineering Chemistry	75	25	100	3	0	0	3
ESC-CE104	Fundamentals of Computer Science	75	25	100	3	0	0	3
ESC-CE105	Engineering Graphics	75	25	100	3	0	0	3
LC-CE106	English Communication Skills Lab	50	50	100	0	0	3	1.5
LC-CE107	Engineering Chemistry Lab	50	50	100	0	0	3	1.5
LC-CE108	IT Workshop Lab	50	50	100	0	0	3	1.5
MC-CE109	Professional Ethics and Human Values	75	25	100	2	0	0	0
Induction Programme		3 Weeks Duration						
	Total Credits							19.5

Branch/Course: Civil Engineering Semester II (First year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
HSMC-CE201	English II	75	25	100	3	0	0	3
BSC-CE202	Engineering Mathematics II	75	25	100	3	0	0	3
BSC-CE203	Engineering Physics	75	25	100	3	0	0	3
ESC-CE204	Programming for Problem Solving	75	25	100	3	0	0	3
ESC-CE205	Engineering Mechanics	75	25	100	3	0	0	3
LC-CE206	Engineering Physics Lab	50	50	100	0	0	3	1.5
LC-CE207	Engineering Workshop Lab	50	50	100	0	0	3	1.5
LC-CE208	Programming for Problem Solving Lab	50	50	100	0	0	3	1.5
MC-CE209	Environmental Science	75	25	100	2	0	0	0
	Total Credits							19.5

Academic Affairs
Adikavi Nannaya University
RAJAHMUNDRY-533 296.

3

Dr. B. Kezia Rani
BOS - Convener
UNIVERSITY COLLEGE OF ENGINEERING
ADIKAVI NANNAYA UNIVERSITY
MAHENDRAVARAM-533 201.

Branch/Course: Civil Engineering Semester III (Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
BSC-CE301	Probability and Statistics	75	25	100	3	0	0	3
PCC-CE302	Strength of Materials	75	25	100	3	0	0	3
PCC-CE303	Surveying and Geometrics	75	25	100	3	0	0	3
PCC-CE304	Fluid Mechanics	75	25	100	3	0	0	3
PCC-CE305	Building Materials, Construction and Planning	75	25	100	3	0	0	3
LC-CE306	Strength of Materials Lab	50	50	100	0	0	3	1.5
LC-CE307	Surveying Field Work – I	50	50	100	0	0	3	1.5
LC-CE308	Building Planning and Design	50	50	100	0	0	3	1.5
MC-CE309	Essence of Indian Traditional Knowledge	75	25	100	2	0	0	0
MC-CE310	Skill Oriented Course - Soft Skills Lab	50	50	100	1	0	2	2
	Total Credits							21.5

Branch/Course: Civil Engineering Semester IV (Second year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
ESC-CE401	Engineering Geology	75	25	100	3	0	0	3
PCC-CE402	Hydraulics and Hydraulic Machinery	75	25	100	3	0	0	3
PCC-CE403	Structural Analysis	75	25	100	3	0	0	3
PCC-CE404	Transportation Engineering	75	25	100	3	0	0	3
HSMC-CE405	Managerial Economics & Financial Analysis	75	25	100	3	0	0	3
LC-CE406	Transportation Engineering Lab	50	50	100	0	0	3	1.5
LC-CE407	Engineering Geology Lab	50	50	100	0	0	3	1.5
LC-CE408	Fluid Mechanics & Hydraulics Machinery Lab	50	50	100	0	0	3	1.5
MC-CE409	Skill Oriented Course – MOOCs (from same domain)	-	-	-	-	-	-	2
	Total Credits							21.5

For MOOCs, guidelines outlined in Academic Regulations for MOOCs will be applicable

Summer Internship 2 Months (Mandatory) after second year (to be evaluated during Semester-V)

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Branch/Course: Civil Engineering Semester V (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-CE501	Concrete Technology	75	25	100	3	0	0	3
PCC-CE502	Environmental Engineering	75	25	100	3	0	0	3
PCC-CE503	Geotechnical Engineering	75	25	100	3	0	0	3
OEC-CE504	Open Elective – I 1. Construction Management 2. Smart Cities 3. Green Technology	75	25	100	3	0	0	3
PEC-CE505	Professional Elective – I 1. Reinforced Soil Structures 2. Railways & Airport Engineering 3. Remote Sensing & GIS	75	25	100	0	0	3	3
LC-CE506	Concrete Technology Lab	50	50	100	0	0	3	1.5
LC-CE507	Environmental Engineering Lab	50	50	100	0	0	3	1.5
MC-CE508	Constitution of India	75	25	100	2	0	0	0
MC-CE509	Skill Oriented Course – Tutorials in same Domain	50	50	100	1	0	2	2
	Summer Internship 2 Months (Mandatory) after second year(to be evaluated during V semester				0	0	0	1.5
	Total Credits							**21.5**

Branch/Course: Civil Engineering Semester VI (Third year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PCC-CE601	Design & Drawing of Reinforced Concrete Structures	75	25	100	3	0	0	3
PCC-CE602	Water Resources Engineering	75	25	100	3	0	0	3
PCC-CE603	Design & Drawing of Steel Structures	75	25	100	3	0	0	3
PEC-CE604	Professional Elective-II 1. Prestressed Concrete 2. Estimation, Specifications and Contracts 3. Foundation Engineering	75	25	100	3	0	0	3
OEC-CE605	Open Elective-II 1. Disaster Management 2. Elements of Coastal Engineering 3. Project Management	75	25	100	3	0	0	3
LC-CE606	Geotechnical Engineering Lab	50	50	100	0	0	3	1.5
LC-CE607	Computer Aided Engineering Drawing LAB	50	50	100	0	0	3	1.5
LC-CE608	Surveying Field Work – II	50	50	100	0	0	3	1.5
MC-CE609	Skill Oriented Course – Tutorials in same Domain	50	50	100	1	0	2	2
	Total Credits							**21.5**

Industrial Internship 2 Months (Mandatory) after third year (or) Mini project (to be evaluated during VII semester)

5

Dr. B. Kezie Rino
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UNIVERSITY

Branch/Course: Civil Engineering Semester VII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week			Credits
		Ext	Int		L	T	P	
PEC-CE701	**Professional Elective-III** 1. Finite Element Methods 2. Earth & Rock fill Dams 3. Building Services	75	25	100	3	0	0	3
PEC-CE702	**Professional Elective-IV** 1. Solid Dynamics and Machine Foundations 2. Air Pollution & Control 3. Bridge Engineering	75	25	100	3	0	0	3
PEC-CE703	**Professional Elective-V** 1. Urban Hydrology 2. Ground Improvement Techniques 3. Low-Cost Housing	75	25	100	3	0	0	3
OEC-CE704	**Open Elective-III** 1. Environmental Impact Assessment 2. Earth Retaining Structures 3. Airport Planning and Design	75	25	100	3	0	0	3
OEC-CE705	**Open Elective-IV** 1. Watershed Management 2. Travel Demand Analysis 3. Traffic Safety	75	25	100	3	0	0	3
HSMC-CE706	Industrial Engineering and Management	75	25	100	3	0	0	3
MC-CE707	Advance Structural Design By Using Staad Pro	50	50	100	1	0	2	2
	Industrial Internship 2 Months (Mandatory) after third year (or) Mini project (to be evaluated during VII semester							3
	Total Credits							23

Branch/Course: Civil Engineering Semester VIII (Fourth year) Curriculum

Code	Course Title	Max Marks		Total Marks	Hours per week	Credits
		Ext	Int			
PROJ	Project Work	200	100	300		12
	Total Credits					12

4.1.2 GEO-TAGGED PICTURES OF AVAILABLE FACILITIES FOR GAMES, SPORTS, CULTURAL ACTIVITIES AND YOGA IN ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING

Figure 1. Basketball courts

Figure 2. Volleyball court

Figure 3. Ball badminton court

Figure 4. Handball court

Figure 5. Cricket pitch

Figure 6. Cricket practice nets

Figure 7. Track (non standard)

Figure 8. Long jump track

Figure 9. Javelin throw sector

Figure 10. Football field

Figure 11. Badminton court in the premises of girl's hostel

Figure 12. Tennikoit court in the premises of girl's hostel
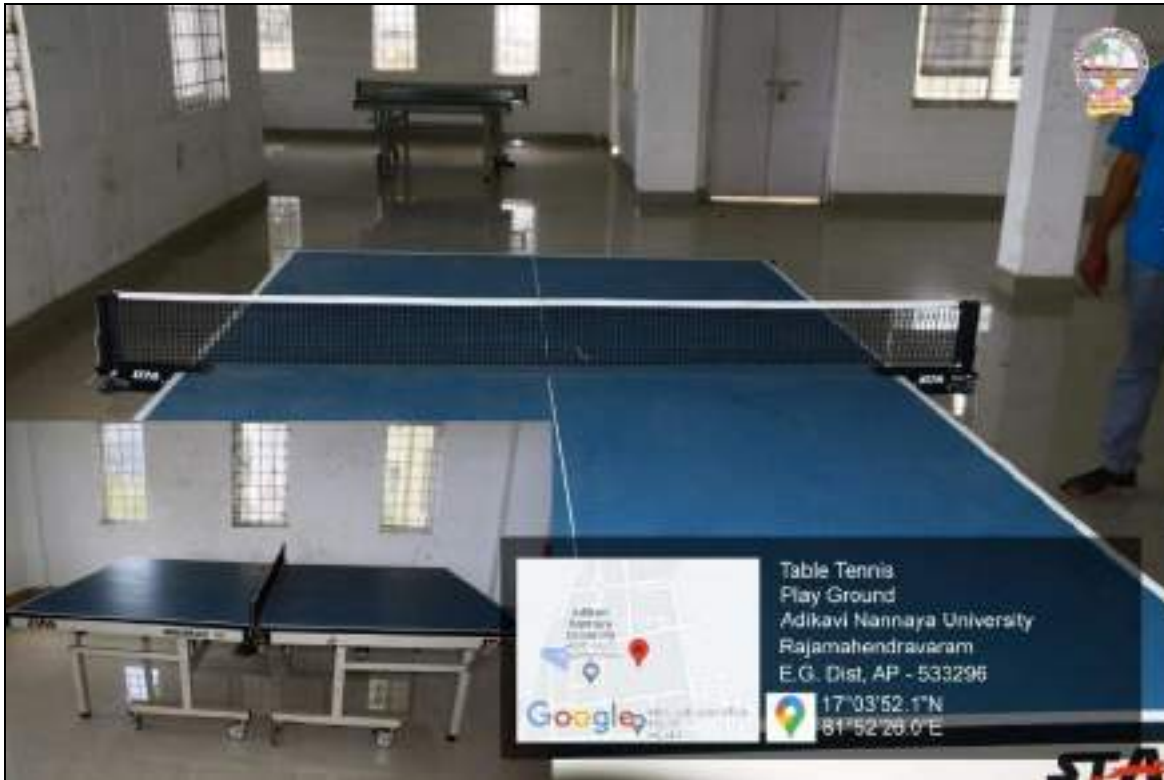
Figure 13. Table tennis tables

Figure 14. Throw ball court

Figure 15. Archery Arena
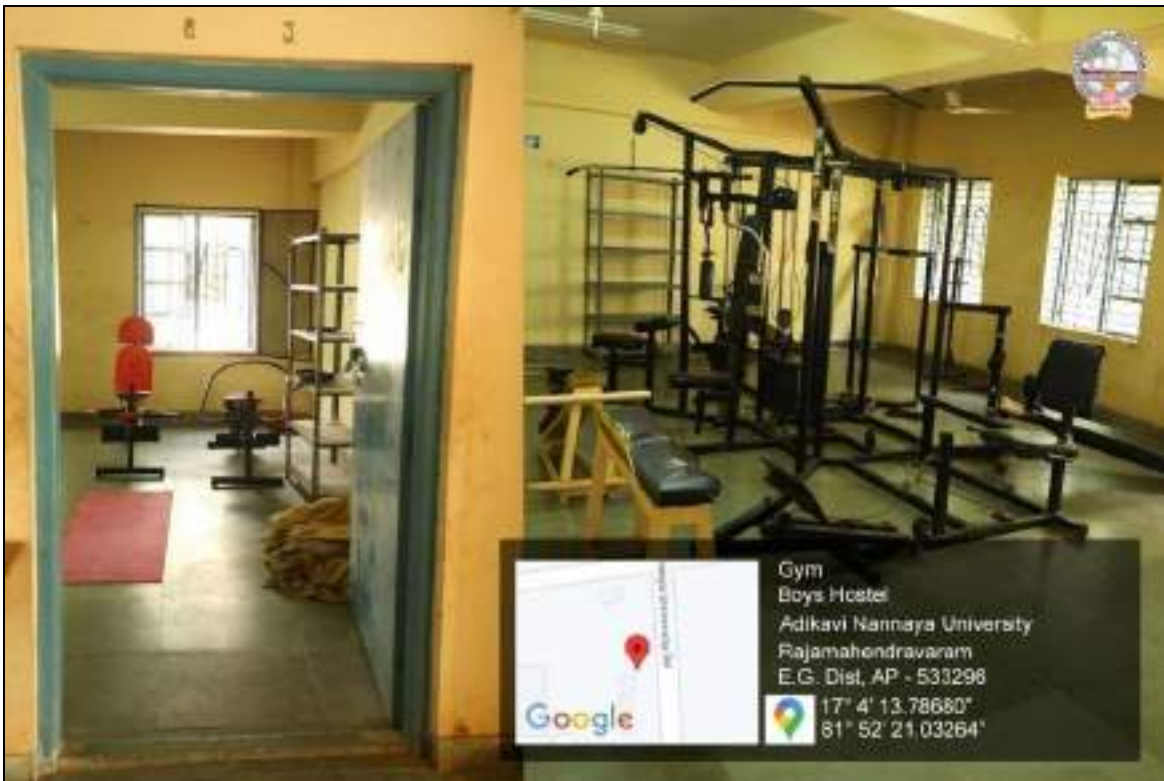
Figure 16. Gym in the boy's hostel

Figure 17. Hydrostatic pitch roller

Figure. Secretary sports board room in the AKNU campus Rajamahendravaram

Figure. Sports store in the AKNU campus Rajamahendravaram

ADIKAVI NANNAYA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING
RAJAMAHENDRAVARAM

**Two-day National Webinar
on
Demonstration of Online Educational Tools**

31 July-01 August 2020

Introduction

With the pandemic raging across the world, education almost came to a standstill due to closure of academic institutions. India went into lockdown on March 24. Since then, online teaching has become one of the most important part of the lives of students and teachers alike.

However, while it has given the outdated education model of India an opportunity to embrace EdTech, this wedding was not a smooth one. Many teachers felt left out due to their lack of knowledge on using online teaching tools. This has created a sort of reluctance and resistance from teachers to use these virtual methods of teaching.

The webinar is also a growing misconception that EdTech tools are complex. While it is true that many teachers are digital immigrants, it must be noted that students or digital natives are naïve in their online activities. Therefore, the Webinar aims to reduce the digital divide between the students and teachers. The mastery of

Adikavi Nannaya University recognised the need to expose the teachers to various Online Educational Tools so as to enable them to teach online. It was therefore proposed to conduct a webinar for the teachers working in 400+ affiliated college of the University. The webinar is intended to inform the participating teachers of some of the basic and freely available online.

The webinar is planned to contain four sessions, each session demonstrating specific Online tools and various methods of disseminating e-content. The sessions are to address some of the basic issues related to online teaching. The national webinar was planned to be organised over two days (31 July and 01 August 2020) with Dr V Persis, Principal, University College of Engineering as Convener.

While many topics were explained, the major topics include: Screen recording tools, LMS: Google Classroom, Microsoft Teams and content uploading to YouTube.

Dr V Persis

Convener

Objectives of the Program

The primary objectives of the program include:

- To assist teachers in planning online classes.
- To demonstrate various tools for recording video and screen.
- To demonstrate basic LMS functions of Google Classroom and Microsoft Teams.
- To illustrate the various methods of evaluation available online.
- To develop e-content over multiple media platforms such as Zoom and Google Meet.
- To display the uploading processes involved in uploading videos over YouTube.
- To conduct online classroom activities through gamification.

Organizers

The Two-day National Webinar on Demonstration of Online Educational Tools is organized by University College of Engineering, Adikavi Nannaya University with Dr V Persis, Principal, UCE as the Convener.

Resource Persons

The resource persons for the webinar are the inhouse faculty of University College of Engineering. Each day comprises of two sessions:

Day II
Dr V Persis, Principal & Associate Professor, Dept. of CSE, UCE
Mr BB Ahmad Alibaba, Assistant Professor, Dept. of S&H, UCE

Day II
Dr M Kamala Kumari, Associate Professor, Dept. of CSE, UCE
Mr M Srinivas Rao, Assistant Professor, Dept. of CSE, UCE

Brief Biodata of the Resource Persons

Dr V Persis

Dr Persis Voola, Associate Professor, Department of CSE, University College of Engineering joined Adikavi Nannaya University in 2008. She obtained her doctorate from Acharya Nagarjuna University in Computer Science and Engineering in 2015. She has since then taken up many administrative positions including Head of the Department of CSE, Hon. Director of Examinations, UG Courses. She currently heads the University College of Engineering as Principal. She is also the coordinator for Unnat Bharat Abhiyan and ISO Core committee member. She organised workshops and seminars on various pertinent topics of Computer Science and Engineering. Her interests include: Blockchain Technology, AI and IoT.

Dr M Kamala Kumari

Dr M Kamala Kumari began her career as a Teaching Assistant at VR Siddhartha Engineering College, Vijayawada. She is currently as Associate Professor in the Department of CSE, University College of Engineering. During her career at the University, she held many administrative positions including Dean, CDC. Her interests include: Big Data, Data Mining and EdTech.

Mr M Srinivas Rao

M Srinivasa Rao, Assistant Professor in department of CSE, Adikavi Nannaya University. He studied Master of Technology in Computer Science Engineering in AITAM, TEKKLI. Master of Computer Applications in SCET, NARASAPUR. He has 12 years of post graduate level teaching experience. Presently webmaster Adikavi Nannaya University and Database Manager of Adikavi Nannaya University and also the Nodal officer for Biometric and EOffice. He is a professional web developer having developed many websites for institutions and organizations. Interest of research domain is deep learning. His areas of interests include multimedia applications, computer networks, wireless and ad-hoc networks, mobile computing and webtechnologies.

Mr BB Ahmad Alibaba

Mr BB Ahmad Alibaba joined University College of Engineering Adikavi Nannaya University as Assistant professor (Ad-hoc) in the department of Science and Humanities in 2018. While his main domain is English and Communication Skills, his interests include apart from ELT and Literature,

ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM

A Two-Day Webinar on Demonstration of Online Educational Tools

03 & 04 August, 2020
10:00AM – 11:30AM

Organized by:

UNIVERSITY COLLEGE OF ENGINEERING

Visit us: aknu.edu.in

A Two-Day Webinar on Demonstration of Online Educational Tools

"The only thing certain in life is uncertainty."
– Derek Hough

It is in these uncertain times that we need to stand tall yet remain flexible to change. We're heading towards a long-waited change in the mode of education.

With the onset of the Pandemic, the need to adapt novel modes of education is imminent. However, we understand that this change is not smooth for both teachers and students.

Therefore, as a part of an initiative by Hon'ble Vice Chancellor **Prof M Jagannadha Rao** to make transition to online education smooth, a webinar is arranged to demonstrate some popular tools available online for free.

This webinar will be useful for Teachers, Lecturers and Faculty of all streams.

Note: E-Certificate will be provided to participants upon attaining min. 40% of Marks for Assignments given during the Webinar.

Session Details

Inaugural Address by Prof. M Jagannadha Rao, Hon'ble Vice Chancellor

DAY I
Dr V Persis
   Assoc. Prof., Dept. of CSE
Use of Online Educational Tools for Effective Teaching

BB Ahmad Ali
   Asst. Prof., Dept of S&H
A Demo of Google Classroom: Creation & Utilization

DAY II
Dr M Kamala Kumari
   Assoc. Prof., Dept. of CSE
A Demo of Microsoft Teams & Class Marker for Online Teaching and Class Assessment

M Srinivas Rao
   Asst. Prof., Dept. of CSE
A Demo of YouTube Channel Creation & Content Uploading Process

Valedictory Address by Prof B Ganga Rao, Registrar

Registration Details
https://forms.gle/wtFoZEY7pBFFNvrL9

Convener
   Dr V Persis, Principal,
   University College of Engineering

Contact Us
   M Srinivas Rao, Webmaster
   9490446699, Email: msr.cse@aknu.edu.in

Program Schedule

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM

A Two-Day Webinar on Demonstration of Online Educational Tools
Organized by
University College of Engineering
3 & 4 Aug 2020
Program Schedule

Day 1 - Aug 3, 2020	
10:00 - 10:05	Welcome Note by Dr B Srinivas Raja, Asst Prof., Dept of EIE
10:05 - 10:10	Remarks of the Convenor by Dr V Persis, Principal - UCE
10:10 - 10:15	Introduction of the Vice chancellor by Mrs A M Sirisha, Asst Prof, Dept of CSE
10:15 - 10:30	Inaugural address by Hon'ble Vice chancellor Prof M Jagannadha Rao
Session 1 10:30 – 11:20	Use of Online Educational Tools for Effective Teaching Dr V Persis, Assoc Prof., Dept of CSE
Session 2 11:20 – 12:00	A Demo of Google Classroom: Creation & Utilization Mr BB Ahmad Ali, Asst Prof., Dept of S&H
12:00-12:15	Q & A
Day 2 - Aug 4, 2020	
10:00 - 10:05	Welcome Note by Dr G Keerthi Marita, Asst Prof., Dept of S&H
Session 1 10:05 - 11:00	A Demo of Microsoft Teams & Class Marker for Online Teaching and Class Assessment By Dr M Kamala Kumari Assoc. Prof., Dept. of CSE
Session 2 11:00 - 11:40	A Demo of YouTube Channel Creation & Content Uploading Process Mr M Srinivas Rao Asst. Prof., Dept of CSE
11:40 - 11:55	Q & A Session , Assignment
11:55 - 12:00	Valedictory Address By Prof B Ganga Rao, Registrar, Adikavi Nannaya University Vote of Thanks By Mr A Vijaya Durga Asst.Prof., Dept of ECE

Details of the Sessions

Day I Details
Session I
Name of the Resource Person: Dr V Persis
Topic: Use of Online Educational Tools for Effective Teaching
Number of Participants: 500 (Zoom) and 4000 (YouTube)
Duration of the Session: 2 Hrs
YouTube Link: https://www.youtube.com/watch?v=1Dn1McjiI7M&list=LLMjRTosaUSWxnM-fBP2kAlg&index=22&t=12488s

Session II
Name of the Resource Person: Mr BB Ahmad Alibaba
Topic: A Demo of Google Classroom: Creation and Utilization
Number of Participants: 500 (Zoom) and 4000 (YouTube)
Duration of the Session: 1 Hr
YouTube Link: https://www.youtube.com/watch?v=1Dn1McjiI7M&list=LLMjRTosaUSWxnM-fBP2kAlg&index=22&t=12488s

Day II Details
Session I
Name of the Resource Person: Dr M Kamala Kumari
Topic: A Demo of Microsoft Teams and Class Marker for online teaching and evaluation
Number of Participants: 500 (Zoom) and 4000 (YouTube)
Duration of the Session: 2 Hrs
YouTube Link: https://www.youtube.com/watch?v=LPZLk_lMYyM&list=LLMjRTosaUSWxnM-fBP2kAlg&index=19&t=14223s

Session II
Name of the Resource Person: Mr M Srinivas Rao
Topic: A demo of YouTube Channel creation and uploading process
Number of Participants: 500 (Zoom) and 4000 (YouTube)
Duration of the Session: 2 Hrs
YouTube Link: https://www.youtube.com/watch?v=LPZLk_lMYyM&list=LLMjRTosaUSWxnM-fBP2kAlg&index=19&t=14223s

Outcome of the Event

The Two-Day webinar was planned with the objective to create awareness about Online Educational Tools for implementation in online teaching. As there is a strong trend suggesting that virtual classes will be preferred in the post-pandemic era, the topic is vital for the teachers of all levels.

The participants of the webinar will be able to:

- ✓ Prepare and plan different layouts for Online classes.
- ✓ Understand and use different tools to record screen and videos in PC/ Mobile.
- ✓ Design classes with voiceover PPT.
- ✓ Create and Utilize Google Classroom.
- ✓ Post different types of tasks such as MCQs, Quizzes and assignments in Google Classroom.
- ✓ Use various metrics to develop rubric for evaluation in Class Marker, Google Classroom.
- ✓ Use Microsoft Teams for administrative and academic purposes.
- ✓ Understand the use of gamification through Kahoot in designing activities.
- ✓ Process videos and screen recordings in different formats.
- ✓ Upload the recorded videos on to Google Drive and YouTube.
- ✓ Understand the protocols to be followed for uploading academic content on YouTube.
- ✓ Know the process of domain email creation.

Feedback Report

A total of 989 participants gave feedback to the sessions. The feedback is combined with Assignment wherein the participants have to submit a short video recording on any academic topic and quiz about the topics discussed in the sessions. The feedback was collected through Google Forms. Certificates were issued to all the participants who successfully completed the tasks.
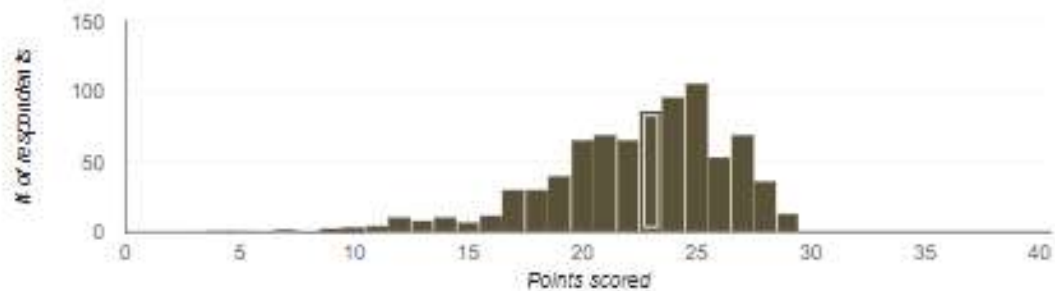
Overall rating of the Webinar
829 responses
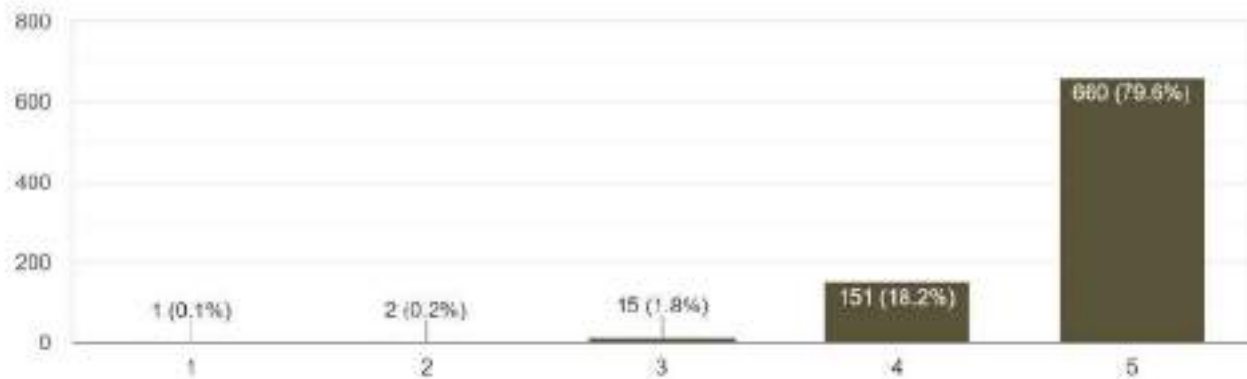
The participant scores are depicted as follows:

Average	Median	Range
22.34 / 40 points	23 / 40 points	4 - 29 points

Total points distribution

E-Certificate

ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM, ANDHRA PRADESH

Certificate of Participation

This is to certify that

Mr. BB Ahmad Alibaba

of

University College of Engineering, Adikavi Nannaya University,
Rajamahendravaram
Andhra Pradesh

has participated in
Two-Day National Webinar on
Demonstration of Online Educational Tools
organised by
University College of Engineering
Adikavi Nannaya University
Rajamahendravaram, AP
on 03 & 04 August, 2020

Dr V Persis

Convener & Principal
University College of Engineering
Adikavi Nannaya University

Photo Gallery with captions and Paper clippings

Inaugural Session of the Webinar

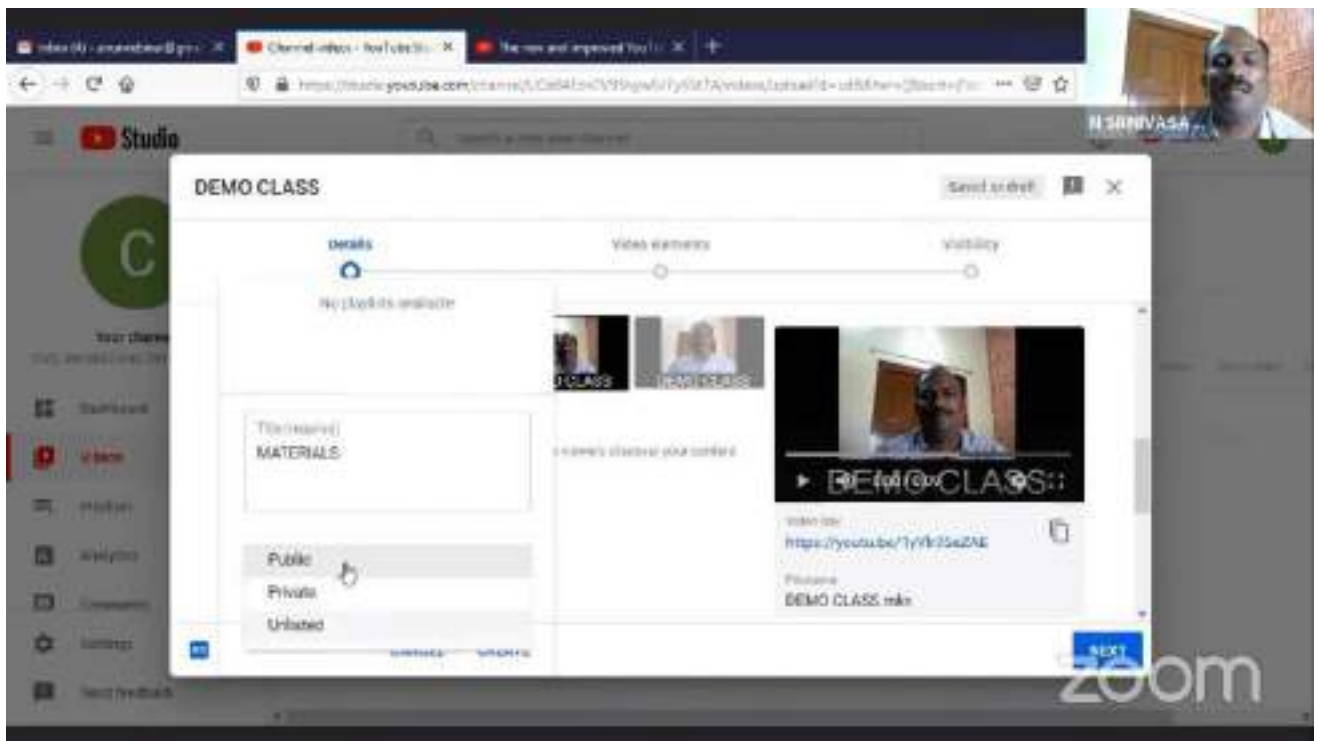Hon'ble Vice Chancellor Prof M. Jagannadha Rao

Dr V Persis's Session

BB Ahmad Ali's Session
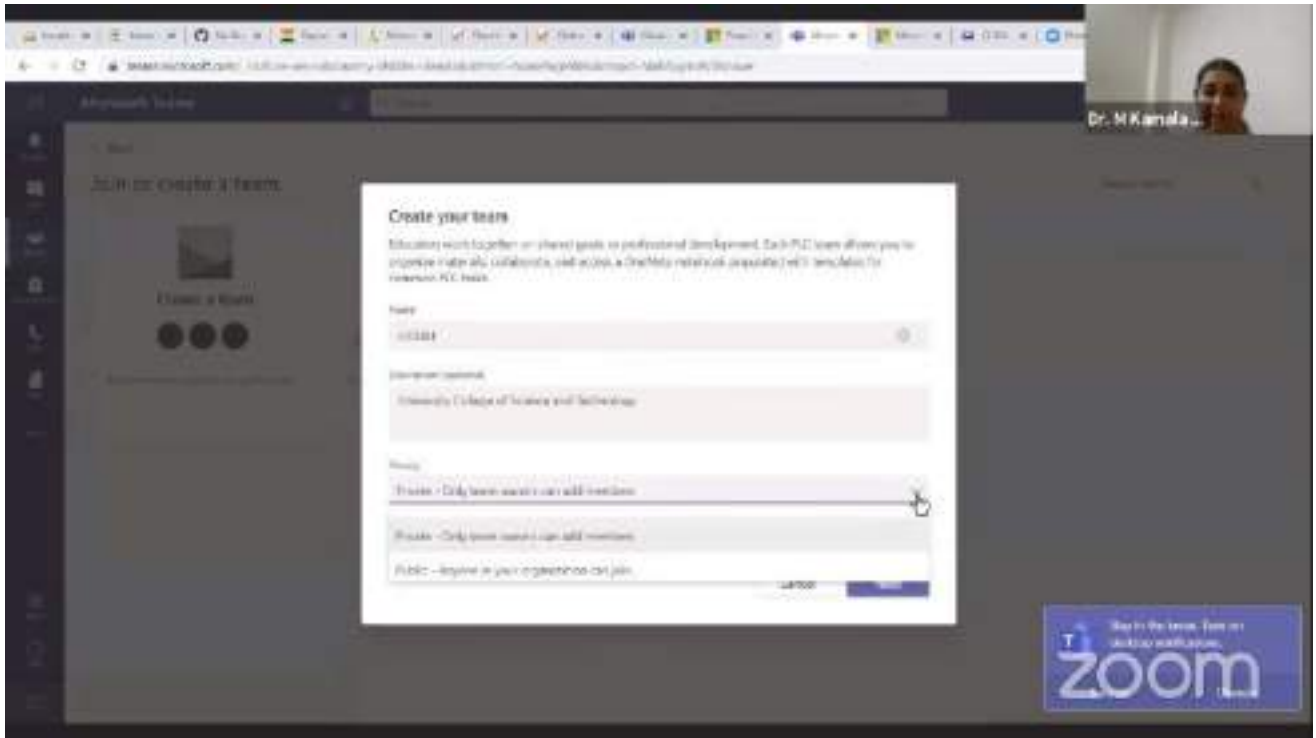
Dr M Kamala Kumari's Session

Mr M Srinivas Rao's Session

Rajamahendravaram: AKNU to hold webinar on online education

Nannaya University Vice-Chancellor Prof Mokka Jagannadha Rao releasing brochure on online education webinar

Rajamahendravaram: Adikavi Nannaya University (AKNU) vice-chancellor Prof Mokka Jagannadha Rao has said that a two-day webinar on online education will be held on August 3rd and 4th in the campus. Releasing a brochure on the webinar in the campus on Thursday, he said online webinar on online education will benefit a lot to the students. All the affiliated colleges of the

university should participate in the programme. University College of Engineering will conduct the programme. Further information can be had from the web master Prof M Srinivasa Rao over mobile number 94904 46697. Registrar Prof B Ganga Rao, professors V Persis, Kamala Kumari and others were present.

Release of Brochure for the Webinar