

Part A[Back To Content Page](#)**I. Institutional Information**

I.1 Name and address of the institution and affiliating university

(Instruction: The name, address of the institution, and the name of the university, which has given affiliation to this institution, are to be listed here.)

**University College of Engineering Kakinada,
Jawaharlal Nehru Technological University Kakinada,
Pithapuram Raod, Kakinada, 533003, Andhra Pradesh.**

- **CONSTITUENT COLLEGE** Jawaharlal Nehru Technological University Kakinada.

I.2 Name, designation, telephone number, and e-mail address of the contact person for the NBA

(Instruction: The name of the contact person, with other details, has to be listed here.)

Dr. V. Ramachandra Raju, Principal

Ph: 0884-2300823 (O); Fax: 0884- 2386516

Mobile: 08978994555

Email: principal_jntucek@yahoo.com , drvrr59@gmail.com

I.3 History of the institution (including the date of introduction and number of seats of various programmes of study along with the NBA accreditation, if any) in a tabular form

(Instruction: History of the institution and its chronological development along with the past accreditation records need to be listed here.)

Level	Programme	FullTime/ PartTime/ Sandwich	Year of Starting	Intake Sanctioned	Year of enhancement	Sanctioned enhancement	Accreditation Status A/NA/AF	NBA Accreditation Visits
UG	CIVIL ENGINEERING	FULL TIME	1946	40	2006	50	A	1
UG	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	1946	40	2006	50	A	1
UG	MECHANICAL ENGINEERING	FULL TIME	1946	40	2006	50	A	1
UG	ELECTRONICS AND COMMUNICATION ENGINEERING	FULL TIME	1980	30	2006	50	A	1
UG	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	1987	15	2006	50	A	1
UG	PETROCHEMICAL ENGINEERING	FULL TIME	2009	50	2009	50	NA	0
UG	PETROLEUM	FULL TIME	2010	50	2010	0	NA	0
PG	SOIL MECHANICS AND FOUNDATION ENGINEERING	FULL TIME	2005	18	2005	18	NA	0
PG	STRUCTURAL ENGINEERING	FULL TIME	2005	18	2005	18	NA	0
PG	ADVANCED ELECTRICAL POWER SYSTEM	FULL TIME	2005	18	2005	18	NA	0
PG	HIGH VOLTAGE ENGINEERING	FULL TIME	2005	18	2005	18	NA	0
PG	MACHINE DESIGN	FULL TIME	2005	18	2005	18	NA	0

PG	CAD/CAM	FULL TIME	2005	18	2005	18	NA	0
PG	COMPUTER AND COMMUNICATION	FULL TIME	2005	18	2005	18	NA	0
PG	INSTRUMENTATION AND CONTROL ENGINEERING	FULL TIME	2005	18	2005	18	NA	0
PG	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	2005	18	2005	18	NA	0
PG	INFORMATION TECHNOLOGY	FULL TIME	2005	18	2005	18	NA	0
PG	PETROLEUM ENGINEERING	FULL TIME	2014	18	2005	18	NA	0

I.4 Ownership status

(Instruction: Ownership status of the institute has to be listed here.)

Govt. (central/state)

I.5 Mission and Vision of the Institution

(The institution needs to specify its Mission and Vision).

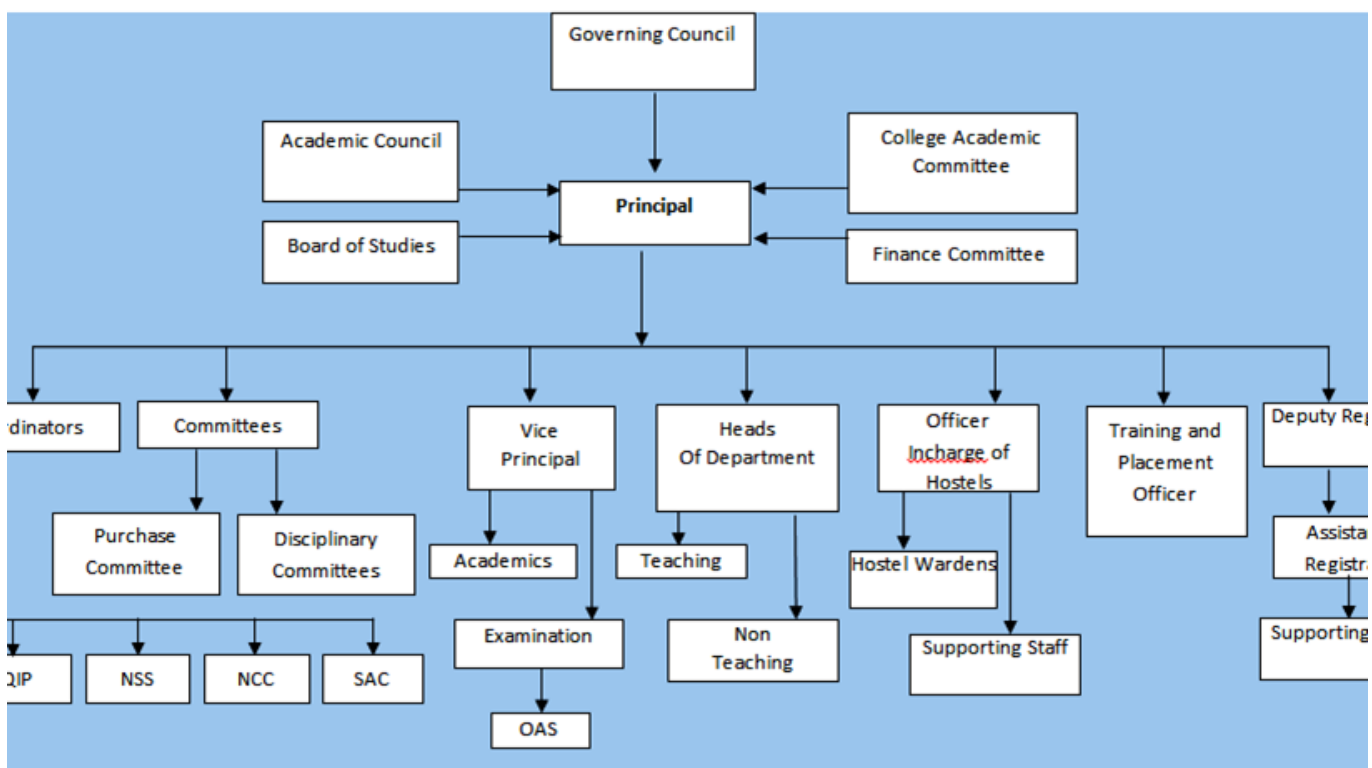
VISION: To be a premier institute of excellence developing highly talented holistic human capital that contributes to the nation through leadership in technology and innovation through engineering education.

MISSION:

1. To impart Personnel Skills and Ethical Values for Sustainable Development of the Nation.
2. To create Research & Industry oriented centers of excellence in all engineering disciplines.
3. To be a renowned IPR generator and repository for innovative technologies.
4. To develop Research and Industry oriented technical talent.
5. To benchmark globally the academic & research output.

I.6 Organisational Structure

Organisational chart showing the hierarchy of academics and administration is to be included



I.7 Financial status

(Instruction: Financial status of the institute has to be mentioned here.)

Govt. (central/state)

I.8 Nature of the trust/society:

Also list other institutions/colleges run by the trust/society

(Instruction: Way of functioning and activities of the trust/society have to be listed here.)

It's a Govt. Institute and not under any trust or society.

Name	Year of Establishment	Location
JNTUK	1946	kakinada

I.9 External sources of funds

(Instruction: The different sources of the external funds over the last three financial years are to be listed here.)

Name of the external source	2015-2016	2014-2015	2013-2014	2012-2013
ICS	3,32,53,922	57,91,747	67,88,319	1,05,39,137

I.10 Internally acquired funds

(Instruction: The different sources of the internal funds over the last three financial years are to be listed here.)

Name of the internal source	2015-2016	2014-2015	2013-2014	2012-2013
Students	4,28,22,570	1,83,08,074	1,30,59,260	1,30,59,260

I.11 Scholarships or any other financial assistance provided to students

(Instruction: If any scholarship or financial assistance is provided to the students then the details of such assistance over the last three financial years has to be listed here. Also mention needs to be made of the basis for the award of such scholarship).

Type of scholarship	2015-2016	2014-2015	2013-2014	2012-2013
SC	23,12,380	2775340	3380900	2,915,450
ST	3,85,110	1167440	699,200	1,114,230
OBC	46,99,550	6456140	2,729,500	7,620,826
Minorities	2,43,434	292887	726,195	820,295
General	13,57,500	3380900	2,729,500	4,061,700

I.12 Basis/criterion for admission to the institution

(Instruction: The basis/criterion for student intake has to be listed here.)

GATE, State Level Entrance Examinations *PGE CET for PG Courses* and *EAMCET for UG Programs* (Conducted by Andhra Pradesh state Government)

I.13 Total number of students

(Instruction: Total number of engineering students, both boys and girls, has to be listed here. The data may be categorised in a tabular form under graduate or post graduate engineering, or other programme, if applicable.)

	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys(UG,PG or other programme if applicable)	484	328	305	373
Total no. of girls(UG,PG or other programme if applicable)	346	321	338	248
Total no. of students	830	649	643	621

I.14.1 Total number of employees in Regular Staff

(Instruction: Staff strength, both teaching and non-teaching, over the last three academic years has to be listed here.)

Items	2015-2016	2015-2016	2014-2015	2014-2015	2013-2014	2013-2014	2012-2013	2012-2013
	Min	Max	Min	Max	Min	Max	Min	Max

Male Teaching staff in engineering	45	71	45	71	48	71	28	71
Female Teaching staff in engineering	24	31	24	31	24	31	9	31
Male Teaching staff in science & humanities	4	12	4	12	5	12	6	12
Female Teaching staff in science & humanities	2	5	2	5	2	5	1	5
Male Non-teaching staff	97	169	97	169	102	169	102	169
Female Non-teaching staff	16	72	16	72	15	72	15	72

I.14.2 Total number of employees in Contract Staff

Items	2015-2016		2014-2015		2013-2014		2012-2013	
	Min	Max	Min	Max	Min	Max	Min	Max
Male Teaching staff in engineering	39	39	39	39	29	39	37	39
Female Teaching staff in engineering	22	27	22	27	24	24	27	27
Male Teaching staff in science & humanities	21	21	21	21	18	21	19	21
Female Teaching staff in science & humanities	11	14	11	14	14	14	13	13
Male Non-teaching staff	95	95	95	95	82	95	65	95
Female Non-teaching staff	27	27	27	27	18	27	14	27

II. Departmental Information

II.1 Name and address of the department

Department of Electronics and Communication Engineering,
 University College of Engineering Kakinada (Autonomous)
 JNTU Kakinada, Pithapuram Road, Kakinada, A.P. 533 003

II.2 Name, designation, telephone number, and e-mail address of the contact person for the NBA

Dr. A.M. Prasad,

Professor of Electronics and Communication Engineering,

Head of the Department,

Department of Electronics and Communication Engineering,

University College of Engineering Kakinada (Autonomous)

JNTU Kakinada, Pithapuram Road, Kakinada, A.P. 533 003

Tele. Ph: 0884 - 2300862

Mobile: 09441564840

Email: a_malli65@yahoo.com

II.3 History of the department including date of introduction and number of seats of various programmes of study along with the NBA accreditation ,if any

Programme	Description
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Started in 1958 with an intake of 10 as Telecommunication Engineering.

UG in

Electronics and Communication Engineering

Later this programme name has converted into Electronics and Communication Engineering in 1972.

Intake increased to 30 in 1980 and to 50 in 1990.

PG in

Started in 1975-76 with an intake of 18+7

(1) Instrumentation and Control Systems

(2) Computers and Communications

Started in 2005-06 with an intake of 18+7

Level	Programme of Study	Initial Intake started with Number of seats	In Year	Intake increased to	In Year	Accreditation Status A/NA	Earlier Accreditation Status	Year of obtaining Accreditation
UG	B.Tech in Electronics and Communication Engineering	10	1958	50	1990	A	A	2010
PG	M.Tech in Instrumentation Control Engineering	25	1975			NA	NA	NA
PG	M.Tech in Computers and Communications	25	2005			NA	NA	NA

II.4 Mission and Vision of the Department

(The department is required to specify its Mission and Vision).

Vision :

To remain a symbol of pride in the fields of Electronics and Communication Engineering by producing holistic and diligent Engineers for industrial and societal needs.

Mission:

1. To produce high quality learners who are globally competitive and professionally challenged in the field of electronics and communication engineering.
2. To offer educational programmes that imparts inventive knowledge with high levels of ethical and human values.
3. To provide a platform to acquire and implement innovative ideas in research and development.
4. To build up the state of art laboratories and centers of excellence in different areas of electronics and communication engineering.
5. To train the students and faculty to update their knowledge in pioneering technologies to meet industrial requirements.

II.5 List of the programmes/ departments which share human resources and/or the facilities of this programmes/ departments (in

%)

(Instruction: The institution needs to mention the different programmes being run in the department which share the human resources and facilities with this department/programme being accredited.)

Department	Level	Programme	Sharing of Human Resources (%)
Department of Electrical and Electronics Engineering	UG	B.Tech	70
Department of Computer Science and Engineering	PG	M.Tech	30

II.6 Total number of students

	Level	Programme	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys	UG	B.Tech	100	106	120	117
Total no. of girls	UG	B.Tech	115	113	104	101
Total no. of students	UG	B.Tech	215	219	224	218

II.7 Minimum and maximum number of staff on roll during the current and three previous academic years (1st July to 30th June) in the department

Items	2015-2016 Min	2015-2016 Max	2014-2015 Min	2014-2015 Max	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max
Teaching staff in the department	28	30	28	30	30	30	26	30
Non-teaching staff	16	16	16	16	13	14	12	14
Total	44	46	44	46	43	44	38	44

II.8 Summary of budget for the CFY and the actual expenditure incurred in the CFYm1, CFYm2 and CFYm3 (for the Department)

(Instruction: Please fill details for items like Laboratory equipment, Software, Laboratory consumables, Maintenance and spares, Training and Travel, Miscellaneous expenses for academic activities and Total.)

Items	Budgeted in CFY 2015-2016	Actual expenses (till ...) in CFY 2015-2016	Budgeted in CFYm1 2014-2015	Actual Expenses in CFYm1 2014-2015	Budgeted in CFYm2 2013-2014	Actual Expenses in CFYm2 2013-2014	Budgeted in CFYm3 2012-2013	Actual Expenses in CFYm3 2012-2013
Laboratory	682054.00	682054.00	1255217.00	1255217.00	365987.00	365987.00.50	1027142.00	1027142.00
Software	---	---	2500657	2500657	1422000	1422000	74800.00	74800.00
Laboratory	9000	9000	134800	134800	86682	86682	387000	387000
Maintenance	19000	19000	22000	22000	39250	39250	30000	30000
Training	161767	161767	1207601	1207601	523461	523461	102000	102000
Miscellaneous	9000	9000	2012431	2012431	2012431	2012431	25000	25000
Total	880821	880821	7132706	7132706	4449811	4449811	1645942	1645942

III. Programme Specific Information

III.1 Name of the Programme

(List name of the programme, as it appears on the graduate's certificate and transcript, and abbreviation used for the programme.)

Bachelor of Technology in Electronics and Communication Engineering

B.Tech. (ECE)

III.2 Title of the Degree

(List name of the degree title, as it appears on the graduate's certificate and transcript, and abbreviation used for the degree.)

Bachelor of Technology

III.3 Name, designation, telephone number, and e-mail address of the Programme coordinator for the NBA

Dr. A. M. Prasad

Head of the Department

Department of Electronics and Communication Engineering,

University College of Engineering Kakinada (Autonomous)

JNTU Kakinada,

Pithapuram Road,

Kakinada, A.P. 533 003

Tele. Ph: 0884 - 2300862

III.4 History of the programme along with the NBA accreditation, if any

Programme of study	Started with No Of Seats	In Year	Intake increased to	In Year	Accreditation Status (A/NA)
B.Tech(Electronics and Communication Engineering)	10	1958	30	1980	A
			50	1990	

III.5 Deficiencies, weaknesses/concerns from previous accreditations

NIL

III.6 Total number of students in the programme

	Level	Programme	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys:	UG	B.Tech in Electronics and Communication Engineering	96	106	120	117
Total no. of girls:	UG	B.Tech in Electronics and Communication Engineering	114	113	104	101
Total no. of students:	UG	B.Tech in Electronics and Communication Engineering	210	219	224	218

III.7 Minimum and maximum number of staff for the current and three previous academic years (1st July to 30th June) in the programme

Items	2015-2016 Min	2015-2016 Max	2014-2015 Min	2014-2015 Max	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max
Teaching staff with the program	14	14	14	14	14	14	14	14
Non-teaching staff	8	10	8	8	8	8	8	8

III.8 Summary of budget for the CFY and the actual expenditure incurred in the CFYm1, CFYm2 and CFYm3 (exclusively for this programme in the department)

(Instruction: Please fill details for items like Laboratory equipment, Software, Laboratory consumables, Maintenance and spares, Travel, Miscellaneous expenses for academic activities and Total.)

Items	Budgeted in CFY 2015-2016	Actual expenses (till ...) in CFY 2015-2016	Budgeted in CFYm1 2014-2015	Actual Expenses in CFYm1 2014-2015	Budgeted in CFYm2 2013-2014	Actual Expenses in CFYm2 2013-2014	Budgeted in CFYm3 2012-2013	Actual Expenses in CFYm3 2012-2013
Laboratory consumables	682054.00	682054.00	1255217.00	1255217.00	365987.00	365987.00	1027142.00	1027142.00
Maintenance and spares	15000	15000	13000	13000	7850	7850	74800.00	74800.00
Training and Travel	161767	161767	1207601	1207601	532461	53461	102000	102000
Miscellaneous expenses for academic activities	18000	18000	402486.2	402486.2	50000	50000	50000	50000
Total	876821	876821	2878304.2	2878304.2	956298	956298	1253942	1253942