



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., ACT No.30 of 2008)
ANANTHAPURAMU – 515 002 (A.P) INDIA

Permanent Affiliation Guidelines w.e.f. the Academic Year 2021-22

Mandatory Eligibility Norms for the Institutions to apply for Permanent Affiliation:

1. The institution shall be in existence for at least **TEN** years.
2. The institution shall not have any deficiencies pointed out by the last university affiliation committee.
3. The institution shall not have any pending dues to the university as on the date of submission of application for permanent affiliation.
4. The institution shall pay salaries regularly through bank to both teaching and non - teaching staff as per existing UGC/AICTE/PCI/State Govt. norms.
5. The institution shall maintain Student Teacher Ratio as per AICTE/PCI norms.
6. The institution shall have a minimum of 60% faculty retention for the last **FIVE** years.
7. The institution shall have a Principal qualified and eligible as per the norms of AICTE/PCI.

Criteria, Marks and Weightages:

S.No.	CRITERIA	MARKS	WEIGHTAGES
1.	Faculty Information and Contributions	100	0.30
2.	Accreditations and Rankings	100	0.20
3.	Computers and Other Facilities	100	0.10
4.	Library and Laboratory Facilities	100	0.10
5.	Institution and Students Performance	100	0.30

1. Faculty Information and Contributions: (100 MARKS)

1.1 Regular Appointments of Teaching faculty: (20 Marks)

1.2 Faculty Retention:(20 Marks)

1.3 Student Teacher Ratio (STR):(10 Marks)

1.4 Faculty members with Ph.D qualifications: (10 Marks)

1.5 Research Activities of the Faculty Members in the last 3 years:(40 Marks)

1.5.1 Publications:(20 marks)

1.5.2 Patents:(10 marks)

1.5.3 Research Projects:(10 marks)

2. Accreditations and Rankings: (100 MARKS)

2.1 NBA: (60 Marks)

2.2 NAAC: (30 Marks)

2.3 NIRF: (10 Marks)

3. Computers and Other Facilities: (100 MARKS)

3.1 Computer Student Ratio: (50 Marks)

3.1.1 Computers: (25 Marks)

3.1.2 Software: (15 Marks)

3.1.3 Printers: (10 Marks)

3.2 Internet Facility: (20 Marks)

3.3 Examination Branch: (10 Marks)

3.4 Other Facilities:(20 Marks)

4. Library and Laboratory Facilities: (100 MARKS)

4.1 Library Facility: (50 Marks)

4.1.1 No. of Titles: (20 Marks)

4.1.2No. of Volumes: (20 Marks)

4.1.3 Reading Room Capacity:(05 Marks)

4.1.4Digital Library: (05 Marks)

4.2 Laboratory Facility: (50 Marks)

4.2.1 Equipment for the Laboratories as per the Curriculum:(40 Marks)

4.2.2 Equipment for Laboratories of Innovation and Research: (10 Marks)

5. Institution and Students Performance: (100 MARKS)

5.1 Average Admissions for the Last 3 Years: (20 Marks)

5.2 Academic Performance (Pass Percentage) for the Last 3 Years: (20 Marks)

5.3 Student Activities and Achievements for the Last 3 years: (30 Marks)

5.3.1 Paper Publications: (10 Marks)

5.3.2 Participation in Symposia/Conferences: (10 Marks)

5.3.3 Innovative Projects: (10 Marks)

5.4 Student Placements and Enrolment for Higher Studies for the Last 3 years: (30 Marks)

5.4.1 Placements: (10 Marks)

5.4.2 GATE/GPAT Ranks: (10 Marks)

5.4.3 Enrolment for Higher Studies: (10 Marks)

% of Marks Obtained	Award of Affiliation
Below 60%	No Permanent Affiliation
60% to 75%	3 Years
Above 75%	5 Years

Mandatory Condition: The college shall score a minimum of **50%** in **criteria-1** to get eligibility to evaluate **criteria-2** to **criteria-5**.

Criteria – 1

1. Faculty Information and Contributions: (Max Marks: 100)

SUB CRITERIA		MARKS
1.1	Regular Appointments of Teaching Faculty	20 Marks
1.2	Faculty Retention	20 Marks
1.3	Student Teacher Ratio (STR)	10 Marks
1.4	Faculty Members with Ph.D Qualifications	10 Marks
1.5	Faculty Research Activities	40 Marks
1.5.1	Publications	20 Marks
1.5.2	Patents	10 Marks
1.5.3	Research Projects	10 Marks

1.1 Regular Appointments of Teaching faculty:(20 marks)

91 to 100%	-	20
81 to 90%	-	16
71 to 80%	-	12
61 to 70%	-	08
Minimum 60%	-	04
< 60%	-	00

Note: Teachers appointed through university Selection Committee/Ratification may be considered as regular faculty.

1.2 Faculty Retention:(20 marks)

91 to 100%	-	20
81 to 90%	-	16
71 to 80%	-	12
61 to 70%	-	08
Minimum 60%	-	04
< 60%	-	00

Note: Teachers appointed and working in the college for more than 5 years may be considered for the faculty retention.

1.3 Student Teacher Ratio (STR):(10 marks)

Cadre Ratio

1+2+6	For UG Engineering	-	1:20	} as per AICTE
1+1+1	For (PG) Engineering	-	1:15	
1+2+6	For (PG) MBA&MCA	-	1:20	

Cadre Ratio

1+2+6	For UG Pharmacy	-	1:15	} as per PCI
1+1+1	For PG Pharmacy	-	1:15	

If STR is maintained as per AICTE/PCI norms - 5 marks

If STR better than AICTE/PCI norms is maintained – 10 marks

Note: (i) For Engineering Autonomous colleges, 1:15 for UG is the student teacher ratio and also to maintain the cadre ratio as per AICTE norms.

(ii) For Pharmacy colleges, 1:15 for UG and PG is the student teacher ratio and also to maintain the cadre ratio as per PCI norms.

1.4 Faculty Members with Ph.D. Qualification:(10 marks)

For both UG and PG programs, Professors and Associate Professors with Ph.D. qualification must be available as per AICTE/PCI norms.

For every faculty member with Ph.D. qualification 2 marks subject to the maximum of 10 marks.

Note: In case of non-availability of qualified Professor an Associate Professor may be considered.

1.5 Faculty Research Activities in the last 3 years:(40 marks)

1.5.1 Publications last 3 years: (20 marks)

For every 20 publications in SCI/SCIE/SCOPUS/UGC-CARE/PEER REVIEWED journals 4 marks subject to the maximum of 20 marks.

1.5.2 Patents last 3 years: (10 marks)

For every one Patent published/granted 2 marks subject to the maximum of 10 marks.

1.5.3 Research Projects last 3 years: (10 marks)

For every completed/ongoing Research Project with a project cost of Rs.10 Lakhs and above 2 marks subject to the maximum of 10 marks.

Mandatory Condition: The college shall score a minimum of **50%** in **criteria-1** to get eligibility to evaluate **criteria-2** to **criteria-5**.

Criteria – 2

2. Accreditations and Rankings: (Max.Marks: 100)

SUB CRITERIA		MARKS
2.1	National Board of Accreditation (NBA)	60 Marks
2.2	National Assessment and Accreditation (NAAC)	30 Marks
2.3	National Institutional Ranking Framework (NIRF)	10 Marks

2.1 NBA: (60 Marks)

Engineering Colleges:

For UG Programs – 40 Marks

Minimum 3 UG programs accredited – 30 marks;
for each additional accredited program 5 marks subject to maximum of 40 marks.

For PG Programs – 20 Marks

Minimum one PG program accredited 10 marks;
for each additional PG program accredited 5 marks subject to maximum of 20 marks.

Pharmacy Colleges:

For UG Program in Pharmacy accredited – 40 Marks

For PG Programs in Pharmacy accredited – 20 Marks

Minimum one PG program accredited 10 marks
for each additional PG program accredited 5 marks subject to maximum of 20 marks.

2.2 NAAC: (30 Marks)

A++ = 30; A+ = 25; A = 20; B++ = 15; B+ = 10; B = 08; C = 05; D* = 00;
(*Not Accredited)

2.3 NIRF:(10 Marks)

Ranking in the band of 1-200 – 10 marks; otherwise – 00;

Criteria – 3

3. Computers and Other Facilities: (Max. Marks: 100)

S.No.	SUB CRITERIA	MARKS
3.1	Computer Student Ratio (CSR)	50 Marks
3.1.1	Computers	25 Marks
3.1.2	Software	15 Marks
3.1.3	Printers	10 Marks
3.2	Internet Facility	20 Marks
3.3	Examination Branch	10 Marks
3.3	Other Facilities	20 Marks

3.1 Computer Student Ratio (CSR):(50 Marks)

3.1.1 Computers: (25 Marks)

For UG programs in Engineering - 1:6

For PG programs in Engineering - 1:4

For UG programs in Pharmacy - 1:10

For PG programs in Pharmacy - 1:6

If CSR is maintained as per AICTE norms - 15 marks

For better CSR (1:3 for UG and 1:2 for PG) - 25 marks

3.1.2 Software: (15 Marks)

(a) legal system software - 03 (for Engineering)

- 01 (for Pharmacy)

(b) legal application software - 20 (for Engineering)

- 10 (for Pharmacy)

(Includes plagiarism checking software)

Note: Utilization of open-source software shall be encouraged.

If Open-Source system/application software available - 10 marks

In addition to open-source software, legal system/application software is also available - 15 marks

3.1.3 Printers: (10 Marks)

5% of total computers should be available as per AICTE norms.

Note: at least one printer to be A1 size colour printer/plotter.

If printers available as per AICTE norms - 5 marks
If printers available twice the number as per AICTE - 10 marks

3.2 Internet Facility:(20 marks)

	<u>Intake</u>	<u>Internet Bandwidth</u>
Up to	- 300	100 Mbps
301	- 600	300 Mbps
601	- 900	500 Mbps
> 900		1Gbps

Internet facility as per the above Bandwidth - 10 marks
If Bandwidth available is double or more than double - 20 marks

3.3 Examination Branch: (10 Marks)

- (i) High Speed Copier Machines - 2 Nos. (Minimum)
- (ii) Printers - 4 Nos. (Minimum)
- (iii) Internet connection exclusively for the Examination Branch
-100 Mbps (minimum)
- (iv) One Separate Room exclusively for the Confidential work
- (v) High end Desktop systems - 5 Nos. (Minimum)
- (vi) Colour Printer - 1 No. (Minimum)
- (vii) Fax Facility
- (viii) Portable Generator
- (ix) UPS
- (x) 2 KVA Stabilizer - 1 No.

If all the above facilities are available - 05 marks
Twice the minimum or more than twice the minimum - 10 marks

3.4 Other Facilities:(20 Marks)

- (i) *RO Water supply
- (ii) *Generator
- (iii) Sports facilities with Physical Director
- (iv) Placement Cell with Placement Officer
- (v) Women Protection Cell with In-charge
- (vi) NSS unit with an official Coordinator
- (vii) *Anti-Ragging Cell with an In-charge

- (viii) Entrepreneur Development cell with an In-charge
- (ix) Girls Waiting Room
- (x) Barrier Free Environment
- (xi) *CC Cameras - Number as per the requirement of the college
- (xii) *Biometric Machines - Number as per the requirement of both Staff and Students

Note: The facilities with (*) are mandatory facilities. Absence of these facilities will result in deducting 2 marks for each of these facilities from the total marks.

Two marks for each facility on producing proper documents subject to the maximum of 20 marks

Criteria – 4

4. Library and Laboratory Facilities: (Max. Marks: 100)

S.No.	SUB CRITERIA	MARKS
4.1	Library Facility	50 Marks
4.1.1	Number of Titles	20 Marks
4.1.2	Number of Volumes	20 Marks
4.1.3	Reading Room Facility	5 Marks
4.1.4	Digital Library	5 Marks
4.2	Laboratory Facility	50 Marks
4.2.1	Lab Related Equipment	25 Marks
4.2.2	Lab Related Software	25 Marks

4.1 Library Facility: (50 Marks)

4.1.1 No. of Titles: (20 Marks)

100 at the time of starting, increased 50/Course annually up to 10 years will be the minimum stock of Book Titles.

Number of Titles as per the AICTE Norms - 10 marks

Twice or more than twice the Number - 15 marks

Thrice or more than thrice the Number - 20 marks

4.1.2 No. of Volumes: (20 Marks)

500xB at the time of starting (where B is No. of Divisions) increased 250/Course annually up to 10 years will be the minimum Stock of Book Volumes.

Number of Volumes as per the AICTE Norms - 10 marks

Twice or more than twice the Number - 15 marks

Thrice or more than thrice the Number - 20 marks

Note: After 10 years as per affiliating body curriculum and syllabus, the older edition books shall be replaced with latest edition by 5% of the total minimum books required for that program.

4.1.3 Reading Room Capacity: (05 Marks)

- 15% of total Students (Maximum of 150) for UG

- 25% of total students (Maximum of 100) for PG

Reading Room Capacity as per AICTE Norms - 03 marks

Twice or more than twice the Capacity - 05 marks

4.1.4 Digital Library: (05 Marks)

Note: (i) Multimedia computers (Minimum 10% of total Students) with internet surfing located in the reading room to access the online courses from the platforms like NPTEL, SWAYAM & SWAYAM PRABHA etc. shall be made available in the Digital Library.

- (ii) Reprographic facility and document scanning facility are essential in the Library.
(iii) Library Automation software including bar coding is desirable.

The multimedia computers along with other facilities as per the norms of AICTE available - 03 marks

Twice or more than twice the number of multimedia computers and other facilities are available - 05 marks

4.2 Laboratory Facility: (50 Marks)

Note: The Laboratories shall have Equipment and software as appropriate for experiments as stated suitable for the requirements of affiliating University Curriculum. It is desired that the number of experimental set-up be so arranged that maximum three students (i.e.1:3) shall work on one set-up for hardware laboratories and 1:1 for software laboratories.

4.2.1 Equipment for the Laboratories as per the Curriculum: (40 Marks)

As per the Curriculum of Affiliating University, the equipment and software required shall be made available in the respective Laboratories Semester wise.

Equipment available as per norms of AICTE/PCI 1:3 - 25 marks

1:2 - 30 marks

1:1 - 35 marks

Equipment beyond Curriculum (Specialized Equipment) - 40 marks

4.2.2 Equipment for Laboratories of Innovation and Research: (10 Marks)

If the institution is a recognized research centre, then the equipment and software appropriate for doing innovative research may be considered.

If equipment and software available for doing innovative research - 05 marks

In addition to this, if any funding agency supporting such laboratories - 10 marks

CRITERIA - 5

5. Institution and Students Performance: (Max.Marks: 100)

S.No.	SUB CRITERIA	MARKS
5.1	Average Admissions for the last 3 years	20 Marks
5.2	Academic Performance of the Students for the last 3 years	20 Marks
5.3	Student Activities and Achievements for the last 3 years	30 Marks
5.3.1	Paper Publications	10 Marks
5.3.2	Participation in Symposia/Conferences	10 Marks
5.3.3	Innovative Projects	10 Marks
5.4	Student Placements and Enrolment for Higher Studies for the last 3 years	30 Marks
5.4.1	Placements	10 Marks
5.4.2	GATE/GPAT Ranks	10 Marks
5.4.3	Enrolment for Higher Studies	10 Marks

5.1 Average Admissions for the last 3 years:(20 Marks)

91 to 100%	- 20
81 to 90%	- 16
71 to 80%	- 12
61 to 70%	- 08
Minimum 60%	- 04
< 60%	- Zero

5.2 Academic Performance(Pass Percentage) of the students for the last 3 Years:(20 Marks)

91 to 100%	- 20
81 to 90%	- 16
71 to 80%	- 12
61 to 70%	- 08
Minimum 60%	- 04
< 60%	- Zero

5.3 Student Activities and Achievements in the last 3 years:(30 Marks)

5.3.1 Paper Publications: (10 Marks)

For every 10 papers 2 marks subject to the maximum of 10 marks

5.3.2 Participation in Symposia/Conferences: (10 Marks)

For every one symposium/conference 2 marks subject to the maximum of 10 marks

5.3.3 Innovative Projects: (10 Marks)

For every one innovative project 2 marks subject to maximum of 10 marks

**5.4 Student Placements and Enrolment for Higher Studies in the last 3 years:
(30 Marks)**

5.4.1 Placements: (10 Marks)

91 to 100%	- 10
81 to 90%	- 08
71 to 80%	- 06
61 to 70%	- 04
Minimum 60%	- 02
< 60	- Zero

5.4.2 GATE/GPAT Ranks: (10 Marks)

For every 20 students qualified in GATE/GPAT 2 marks subject to the maximum of 10 marks

5.4.3 Enrolment for Higher Studies: (10 Marks)

For every 20 students enrolled for higher studies 2 marks subject to the maximum of 10 marks


REGISTRAR



