



Guru Nanak Dev Engineering College, Bidar

Academic Audit Report

Name of the Department: Department of Electronics and Communication Engineering.

Academic Year: 2019-20

Date : 25-10-2019

Name, Designation and Address of Academic Auditors:

Sl. No	Name & Designation	Address of Academic Auditors
1.	Dr Ravindra Eklarker, Principal	GNDEC Bidar
2.	Vikas Swamy, CEO.	Uber core, Bangalore
3.	Ravinandan Punnashetty. -	Hitech Building Solutions
4.	Dr. Nandkishore D.Rao, Professor and Dean academics	Mech Engg, GNDEC Bidar
5.	Dr. Veerendra D, Assoc. Prof, and Dean R & D	ECE, GNDEC Bidar
6.	Dr. Dhananjay M, Professor	CS & Engg., GNDEC Bidar
7.	Umashankar. Y, Asst Professor,	Civil Engg., GNDEC Bidar
8.	Prasad K.K., HOD and IQAC coordinator	Mech Engg., GNDEC Bidar

Departmental Faculty Members Present/Interacted:

1. Prof. Praveen Reddy - *Dr*
2. Prof. Nitin K. *Nitin*
3. Prof. Saeedat Soma - *S*
4. Prof. Shilpa-Bisardar - *Shilpa*
5. Prof. Soni Manikari - *Dr*
6. Prof. Pavan - *M*
7. Prof. Pradeep. K. - *Dr*
8. Rajendra Hussain - *Rajendra*

Criterion	Items	Verification (Yes / No)	Comments	Suggestions for improvement
Program Curriculum & Teaching Learning process	Course outcomes	Yes	Course outcomes are defined for all the courses	
	Curricular gaps and steps taken to fulfil it.	Yes	Curricular Gaps are identified & actions are taken to fulfil the gaps	
	Teaching methods	Yes	Satisfactory	Include more innovative methods for enhancing students understanding.
	Project work UG/PG	Yes	Increase in the paper publications based on student's projects and funding.	
	Assessment – components used for calculating COs attainment	Yes	Satisfactory	
	PO and PSO attainment	Yes	It is found satisfactory.	
	Student support – Remedial classes	Yes	Remedial classes are conducted for students whose CIE performance is less than 60% in various courses and for slow learners.	

Criterion	Items	Verification (Yes / No)	Comments	Suggestions for improvement
	Parents meeting / Interaction – Evaluation of student's progress	Yes	Conducted the Parents meeting	
	Mentoring	Yes	Satisfactory	Needs improvement
	Feedback from students	Yes	Satisfactory	
	Steps taken on the feedback	Yes	HOD and senior faculty members counselled the faculty members whose feedback was below satisfactory level.	
Faculty Profile	Projects completed / on going	Yes	One project is ongoing	Submit more project proposals for funding
	Consultancy activities	NO		Steps needs to be taken to initiate the Consultancy activities
	Papers / Articles / Books published	Yes	Average	Increase the Publications in referred journals

Criterion	Items	Verification (Yes / No)	Comments	Suggestions for improvement
	Preparation of Learning materials / Content	Yes	satisfactory	
	FDP / Training Program / Seminar/Workshop conducted	Yes	Average	Need improvement
	Acted as Resource Persons	Yes	Minimum	Needs improvement
	M.Tech/M.Phil. & Ph. D guided /awarded	Yes	One Ph.D. was awarded.	
	FDP / Training Program / Seminar/Workshop/conference attended	Yes	Good	
Profile of Students	Enrolment ratio (Admitted Vs Sanctioned Strength)	Yes	Enrolment was 54%	Needs Improvement

Criterion	Items	Verification (Yes / No)	Comments	Suggestions for improvement
	Students involvement in extra-curricular & Co-curricular activities	Yes	Average	Needs Improvement
	Study tour / industrial visits / exhibitions / Internship / Training	Yes	Average	Needs Improvement
	Student achievements (Curricular)	Yes	Average	Needs Improvement
	Student achievements (Co-Curricular & Extra Curricular)	Yes	Average	Needs Improvement
Infrastructure of the	Adequacy and ambience of class rooms	Yes	Satisfactory	Needs Improvement

Criterion	Items	Verification (Yes / No)	Comments	Suggestions for improvement
Department	Adequacy and quality of equipment/ instrument / machineries in laboratories	Yes	Satisfactory	
	Internet Facilities	Yes	Adequate	
	Adequacy of Project/Research Lab and equipment	Yes	Utilization needs to be improved	
	Library facilities	Yes	More books and titles are added	
Activities of the Department	MoUs signed and activities	Yes	Increase the MOUs with industries and institutions	
	Professional Society activities	Yes	Average	More activities need to be conducted
	Guest lectures/ Conference / Seminar / Workshop / webinars conducted	Yes	Average	Needs improvement

Criterion	Items	Verification (Yes / No)	Comments	Suggestions for improvement
	Interaction with Industry / Research Centres / Educational Institutions	Yes	Interacted with foreign universities.	
	Newsletters / Magazine	Yes	Satisfactory	
	Alumni Association and activities	Yes	Average	Needs improvement
	Placements, Higher studies	Yes	Average	Needs improvement

Please give SWOC Analysis of the Department:

Strength:

- Well qualified and enthusiastic faculty.
- Vibrant student associations.
- Good Infrastructure.
- More Research scholars.

Weakness:

- Enrolment of students
- Consultancy research.

Opportunities:

- Scope for patents filing.
- Scope for enhancing interaction with Alumni
- Scope for enhancing Placement ratio.

Challenges:

- Attracting the good students.
- Fast changing world with cutting edge technologies.
- Strengthening Industry-Institute Interaction.
- More placements in core companies.

Best Practices of the Department:

- Class room seminars.
- Industry Visits.
- Workshops/seminars/guest lecturers
- Online resources
- Students involvement in organizing co-curricular and extracurricular activities.

- Student training programs.
- Outcome Based Education

Signature of the HoD with Seal

Head of E & CE Dept.
G.N.D Engineering College
BIDAR-585 403. (K.S)

Signature of the Academic Auditors

[Signature]
[Signature]
25.10.19
[Signature]

Guru Nanak Dev Engineering College, Bidar

Action Taken Report

On

Academic Audit

Department of Electronics & Communication Engineering

Academic Year: 2019-20

Date:28-10-2019

OBSERVATIONS	ACTION TO BE TAKEN
1. Include more innovative methods for enhancing students understanding.	Staff members are to be advised to use modern teaching aids such as animation videos/ NPTEL videos.
2. Needs improvement in mentoring	All the mentors are to be informed to conduct weekly interaction compulsorily.
3. Submit more project proposals for funding	Project groups are to be informed to make proposals for funding.
4. Steps needs to be taken to initiate the Consultancy activities	Discussion with prominent alumini need to be Initiated
5. Increase the Publications in referred journals	Incentives are to be offered to staff members to publish the papers.
6. Need improvement in FDP / Training Program / Seminar/Workshop conducted	Required to suggest the staff members to prepare proposals for conducting FDPs/Training
7. Needs improvement in Acted as Resource Persons	Staff members are required to be motivated to act as a resource person in their domain.
8. Steps need to be taken to improve the enrolment.	Concession to meritorious student, Visit to PU college
9. Needs improvement in Students involvement in extra-curricular & Co-curricular activities	Students are to be encouraged to participate in intra & inter institutes.

10. Needs improvement in Study tour / industrial visits / exhibitions / Internship / Training	More industrial visits/ project exhibition to be planned every year.
11. Needs improvement in Student achievements (Curricular)	Students are to be encouraged to register for NPTEL certification
12. Needs improvement in Student achievements (Co-Curricular & Extra Curricular)	Students are to be encouraged to participate in techno-cultural fest in other colleges.
13. Utilization needs to be improved in Adequacy of Project/Research Lab and equipment	Students are to be motivated to develop inhouse projects for proper utilization of projects/ research labs.
14. Needs Improvement in Adequacy and ambience of class rooms	LCD projector with high speed connectivity
15. Conduct more number of activities in Professional Society	Students & staff members are to be encouraged to establish IEEE chapters/IETE.
16. Needs improvement in Guest lectures/ Conference / Seminar / Workshop / webinars conducted	Seniors staff members are required to conduct conference/ workshop etc.
17. Needs improvement Alumni Association and activities	Alumina details to be collected by contacting them & frequent alumni meet has to be conducted.
18. Needs improvement Placements, Higher studies	Planning to conduct placement drive to improve placements. Final Year Students are to be encouraged to go for higher studies.

Devgan
PAC

Pach.
HOD 28/10/2019.
Head of E & CE Dept.
G.N.D Engineering College
BIDAR-585 403. (K.S)

