



BVC INSTITUTE OF TECHNOLOGY AND SCIENCE

(Accredited by NAAC with 'A' Grade)

ACADEMIC AUDIT

(For the Academic Session 2022-23)

PART - I: PRELIMINARY INFORMATION

1. Name of the Department: ELECTRICAL AND ELECTRONICS ENGINEERING
2. Address of the Institute: BATLAPALEM, AMALAPURAM, INDUPALLI POST, 533221
3. Date and Time of Visit: 12/06/2023
4. Members of the Audit Committee:
 - i. Dr. M.GOPICHAND NAYAK (Professor, Department of EEE, Andhra University, Vizag)
 - ii. Dr. I.E.S NAIDU (Associate Professor, Department Of EEE Geetham University, Vizag)

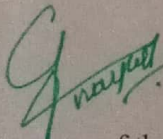
DEPARTMENT: EEE

PART -II: ACADEMIC INFORMATION

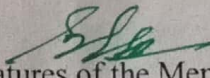
S. No.	Particular	Remarks/Suggestions								
1.	Curricular Aspects (a) Courses Offered <table border="1"><thead><tr><th>Name of the course</th><th>Intake</th></tr></thead><tbody><tr><td>B. Tech.</td><td>60</td></tr></tbody></table> (b) Semester wise Curricular Plan: <input checked="" type="checkbox"/> <u>Available/Not available</u> (c) Coverage of Syllabus: <u>100%</u>	Name of the course	Intake	B. Tech.	60					
Name of the course	Intake									
B. Tech.	60									
2.	Faculty Status: Total Faculty: (a) Teacher : Student Ratio: <u>1:18</u> (b) How many of the faculty members possess degrees of (i) Ph. D.: 02 (ii) Ph.D.(Pursuing):04 (ii) M.Tech.: 08 (c) Teaching Experience of the Faculty in the Institute: <table border="1"><thead><tr><th>Tenure</th><th>No. of Faculty</th></tr></thead><tbody><tr><td>More than 8 Years</td><td>7</td></tr><tr><td>Between 6 to 7 Years</td><td>5</td></tr><tr><td>Between 2 to 3 Years</td><td>02</td></tr></tbody></table>	Tenure	No. of Faculty	More than 8 Years	7	Between 6 to 7 Years	5	Between 2 to 3 Years	02	<p>→ Experienced faculty may apply for higher studies (Ph.D)</p> <p>[Because of Dept. have more no. of Experienced Faculty].</p>
Tenure	No. of Faculty									
More than 8 Years	7									
Between 6 to 7 Years	5									
Between 2 to 3 Years	02									

	Below 1 Year	00	
3.	Teaching – Learning: (a) Availability of Course Files: Yes (b) Student Assignments : Yes (c) Tutorial classes: Yes ,conducted (d) Remedial Coaching : Yes (e) Student Centric Activities: ❖ Quizzes / workshops / competitions conducted: Yes (f) Use of supplementary teaching tools and application of ICT :		→ Projectors may be provided to All the class rooms. → Students may encourage to participate more no. of competitions in outside colleges. → ICT based Teachings have to be uploaded in college website.
4.	Laboratory Facilities: (a) Number of Laboratories: <u>08</u> (b) Working condition of equipments: All in good working condition (c) Up gradation as per new technological Developments and requirements of the course curriculum: Yes (d) Availability of licensed software as per the course curriculum :MATLAB,B2 SPICE (e) Number of Computer Labs 1 (f) Number of PCs: 30 (g) Software available : MATLAB,B2 SPICE (h) No of Printers available: <u>1</u>		→ Desktop computers have to be updated with latest configurations → MATLAB software licence must be renew and latest version have to be update. → Printer may be provided to take printout in MATLAB circuits.
5.	Faculty Development Programmes: (a) FDPs attended by the faculty: (i) National: 14 (b) Conferences attended by the faculty: (i) National: <u>09</u> (c) Workshops attended by the faculty: (i) National: 03 (d) Short term Courses attended by the faculty: 3 (e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs : yes (f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc.: Yes		→ Faculties have to be encouraged to participate more no. of FDPs and workshops. → Faculties have to be encouraged to present more no. of papers in conferences.

	FDPs/Conferences/Workshops, etc.: Yes (g) Provision of Computing facility to individual faculty (Desktop/Laptop) : Yes, facility provided	→ Details of the Incentives given to the Faculties for FDP + conferences have to be maintained by the separate file.
6.	Research Publications: (a) SCI/Scopus Indexed International Papers: 01 UGC Approved Journals/International Journal: 13	→ Faculties have to be encouraged to Publish more no. of papers in SCI & SCOPUS.
7.	Library, Internet & other facilities: (a) Library: (i) Number of Titles: 955 (ii) Total volumes of Books: 5852 (iii) Number of Journals: 06 (iv) Digital Library: Access Available (b) Internet Connectivity: Available Bsnl, Inet 125 Mbps 100 Mbps (c) Placement Activities: (i) No. of companies Visited: 10 (ii) No. of Placements offered: 47 (iii) Average salary offered: 3.4 (iv) Off campus placements (%): NIL (v) On campus placements (%): 60 (vi) Existence of Training & Placement Office in the Institute: Yes	→ International Journal count have to be increased. → Internet speed <u>must be</u> Improved. → → Placement record details of the students should be displayed by flux in the department.



(Signatures of the Member)
Dr. M.GOPICHAND NAYAK
(Professor, Department of EEE
Andhra University, Vizag)



(Signatures of the Member)
Dr. I.E.S NAIDU
(Associate Professor)
Department Of EEE
Geetham University, Vizag)



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Bhatla palem, amalapuram ,533201
Ph.No:08856235489

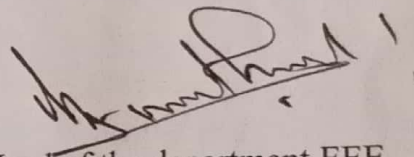
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Action taken report on academic audit inspection committee remarks

Academic Year 2022-23:

S. No	Name of the member	Designation	Inspection Committee Suggestions	Action taken by the department
1	Dr. M.GOPICHAND NAYAK	Professor ,Department of EEE ,Andhra University , Vizag	<p>*Experienced faculty may apply for higher studies(Ph. D) [Because of department have more No. of experienced faculty].</p> <p>*Projectors may be provided to all the classrooms.</p>	<ul style="list-style-type: none">• We encouraged the faculty to apply for higher studies .• Requested principal and is implemented in most of the class rooms.
2	Dr. I.E.S NAIDU	Associate Professor, Department Of EEE Geetham University , Vizag	<p>*Students may encourage to participate more no. of competitions in outside colleges.</p> <p>*ICT based teachings have to be uploaded in college website.</p> <p>*Desktop computers have to be updated with latest configurations.</p> <p>*MATLAB software liscence must be Re new and latest version have to be updated.</p> <p>*Printer may be provided to take printout in MATLAB circuits.</p> <p>*Faculties have to be encouraged to participate more no. of FDP's and workshops.</p> <p>*Faculties have to be encouraged to present more no. of papers in conferences.</p>	<ul style="list-style-type: none">• Students are continously encouraged to participate in various activities organized by other colleges.• It was implemented.• Requested the principal regarding this and will be implemented.• Required software licenses based on the expiry are frequently renewed.• We will keep this proposal in front of the principal and management.• Faculty are been encouraged regarding this.• Faculty are continously encouraged to present more no. of conference papers and reimbursement of the amount is given within one month

	<p>*Details of the incentives given to the faculties for FDP and conferences have to be maintained by the separate file .</p> <p>*Faculties have to be encouraged to publish more No. of papers in SCI and SCOPUS</p> <p>*International journal count have to be increased</p> <p>*Internet speed must be improved.</p> <p>*Placement record details of the students should be displayed by flux in the department.</p>	<ul style="list-style-type: none"> • Yes we are maintaining a separate file for all the incentives and etc., • Yes ,we will definitely improve No. of papers in SCI and SCOPUS • About the international journals in library we will request our principal sir • Increased to 513Mbps • Yes we are displaying EEE branch placements details by a flux in our department.
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 Head of the department EEE