

PART A

Evaluator's Visit Report

Undergraduate Engineering Program

Tier-II

Name of the Institution

Vidya Jyoti Institute of Technology, Azeez Nagar
Hyderabad

Name of the Program

UG Electronics & Electrical

Visit Dates

20th to 22nd April, 2018

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi 110003

Tel: +91 112430620-22; 01124360654; www.nbaind.org

V. R. R.

Program Evaluator Summary

Overview

The Expert team of National Board of Accreditation (NBA) conducted a three day accreditation visit from 20th to 22nd/4/18 at VJIT, Hyderabad to evaluate UG Engineering program Electrical & Electronics Engg.

Pre visit meeting of the expert tea was held on at 20.4.2018 to exchange the respective findings with the evaluation team members, based on review of Self-Assessment Report (SAR) and the pre-visit evaluation reports.

During the visit, the visiting team met with Head of the Institution/Dean Dr. A. Padmaja. The briefing on the institution was given by Principal and on the program was given by the Dr. D. B. G. Reddy, NBA Coordinator. The respective program evaluators also visited the various facilities of the program. Apart from comprehensive review of documental evidences pertaining to various accreditation criteria, the visiting team also held meeting and discussions with the following stakeholders (kindly tick).

Faculty	☒	Alumni	☒
Employers	☒	Parents	☒
Staff members	☒	Students	☒

The Program Evaluation Team found that (general findings about the program) to be mentioned)

There are 2 - PG Programs. Faculty members who have recently joined and have no teaching experience were given teaching for PG Programs. Few Documents, such as, Payment details to Visiting faculty, Salary Slip, and Proof that Dr. S. Sridhar Reddy was on leave, were not produced inspite of Repeated Requests. Few Professors and associate Professors have been appointed who don't satisfy AICTE Eligibility norms.

Attention

V. K. Reddy

Program Details

Name of the Program				
UG - Electrical and Electronics Engineering				
Year of Commencement				
Student	Year	Sanctioned Intake	Actual Admitted	
	CAY (2016 - 2017)	120	97	
	CAY m1 (2015 - 2016)	120	107	
	CAY m2 (2014 - 2015)	120	99	
	Total Students in the Programme 1 st to Final Year	483		
	Averaged over the previous three academic years including the Current Academic Year.			
Placement %	CAYm1 (2016 - 2017)	49 out of 114 - 42.9%		
	CAY m2 (2015 - 2016)	72 out of 126 - 57.1%		
	CAY m3 (2014 - 2015)	53 out of 127 - 41.7%		
	Averaged over last three assessment years	47.23%		
Faculty (Attach a Copy of faculty list compared with Time Table)	Regular CAY-2016-17	Professor	2	As per AICTE Norms
		Associate professor	3	
		Assistant professor	23	
	Ad-hoc	Professor	-	
		Associate professor	-	
		Assistant professor	-	
	Contractual	Professor	-	
		Associate professor	-	
		Assistant professor	-	
	Student-Teacher ratio		16.1 : 1	
Visiting/guest faculty (Total Numbers of Hours)		1 → No Proper Documentation produced		
Previous accreditation(if any)	First accreditation	No. of years accredited for	3 yrs.	
		With effect from	22.9.2011.	
	Previous accreditation	No. of years accredited for	-	
		With effect from	-	

CAY: Current Academic Year
 CAYm1: Current Academic Year minus 1
 CAYm2: Current Academic Year minus 2

Signature

Signature

Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title UG - Electrical and Electronics Engineering

Strengths:

1. Enrollment ratio is good.
2. Committed and qualified faculty in adequate number.
SFR is close to AICTE norms.
3. Qualified supporting staff in adequate No.
Good faculty retention.
4. Laboratories are well equipped to conduct practicals
as per JNTU syllabus.
5. _____

Weakness/Areas of improvement:

1. Sensitisation to OBE of the Stake holders, in particular, the
faculty is poor. Co-PO mapping is erroneous in few subjects.
2. PSOs have not been defined properly. Sample Size of Course end
survey and Student-exit survey is very small. Co-PO assessment
is not understood by many faculty members.
3. Poor quality of Q. papers/House Assignments.
4. Success rate in the stipulated period of the program is poor.
APE in 3rd/2nd yr. is poor.
5. FQI is poor. Poor Consultancy. Few Quality research publications
There is no significant improvement in Placement/quality of
admitted students to the program over last 3 yrs.

Aravind

V. P. Reddy

Deficiencies:

1. No Industry supported Labs. No Participation from Industry Personnel in Practical Teaching of regular courses.
2. No R & D Projects.
No Books & Patents
3. No State of Art equipments in Labs.
4. _____
5. _____

Other Observations, if any:

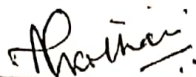
1. _____
2. _____
3. _____
4. _____
5. _____

Alkathin

V. P. Reddy

Department/Programme Specific Criteria:

S.no.	Criteria	Max. Marks	Marks Awarded	Remarks
1.	Vision, Mission and Program Educational Objectives	60	40	
2.	Program Curriculum and Teaching-Learning Processes	120	66	
3.	Course Outcomes and Program Outcomes	120	71	
4.	Students' Performance	150	101	
5.	Faculty Information and Contributions	200	117	
6.	Facilities and Technical Support	80	52	
7.	Continuous Improvement	50	34	
TOTAL		780	481	



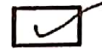
Signature
(Program Evaluator 1)



Signature
(Program Evaluator 2)

Declaration of Conformity with evaluator's report by the Team Chair

I agree with the observations of the program evaluators on each criterion.
Or



I agree with most of the observations of the program evaluators. However, I have following comments to make on certain criteria:

Criteria	Comments



Signature
(Chairperson)

V. (Kee) 

Part B-Program Assessment Worksheet

Program Level Criteria - To be Assessed by Evaluator

Name of the Institution

VJIT, Azimnagar, Hyderabad

Name of the Program

UG - Electrical and Electronics Engineering

Criterion 1: Vision, Mission and Program Educational Objectives (60)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines (Marks)	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Marks	Total		
1.1.	State the Vision and Mission of the Department and Institute	5	A. Availability of statements of the Departments (1) B. Appropriateness/Relevance of the Statements (2) C. Consistency of the Department statements with the Institute statements (2)	2 2	5	Overall Marks for 1.1 (5)	
1.2.	State the Program Educational Objectives (PEOs)	5	Program Educational Objectives (3 to 5) (5) Appropriateness	4	4	Overall Marks for 1.2 (4)	
1.3.	Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders	10	A. Adequacy in respect of publication & dissemination (2) B. Process of dissemination among stakeholders (2) C. Extent of awareness of Vision, Mission & PEOs among the stakeholder (6)	1 1 4	6	Overall Marks for 1.3 (6)	Dissemination among Stakeholders is poor. Awareness among student is poor.
1.4.	State the process for defining the Vision and Mission of the Department, and PEOs of the program	25	A. Description of process for defining the Vision, Mission of the Department (10) B. Description of process for defining the PEOs of the program (15)	6 10	16	Overall Marks for 1.4 (16)	Inadequate Documentation
1.5.	Establish consistency of PEOs with Mission of the Department	15	A. Preparation of a matrix of PEOs and elements of Mission statement (5) B. Consistency/justification of co-relation parameters of the above matrix (10)	3 6	9	Overall Marks for 1.5 (9)	
Total of Criterion 1:		60	Overall Marks for Criterion 1:		40		

Signature:

V. P. Rao

Criterion 2: Program Curriculum and Teaching - Learning Processes (120)						
S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines		Marks Awarded	Overall Marks
					Marks	Total
2.1.	Program Curriculum	20				
	State the process used to identify extent of compliance of the University curriculum for attaining the Program Outcomes (POs) & Program Specific Outcomes (PSOs), mention the identified curricular gaps, if any	10	A. Process used to identify extent of compliance of University curriculum for attaining POs & PSOs (6)		4	6
2.1.1.			B. List the curricular gaps for the attainment of defined POs & PSOs (4)		2	
2.1.2.	State the delivery details of the content beyond the syllabus for the attainment of POs & PSOs	10	A. Steps taken to get identified gaps included in the curriculum. (Letter to University/BOS) (2)		0	
			B. Delivery details of content beyond syllabus (5)		2	2
2.2.	Teaching-Learning Processes	100	C. Mapping of content beyond syllabus with the POs & PSOs (3)		0	
			A. Adherence to Academic Calendar (3)		3	58
2.2.1	Describe the Process followed to improve quality of Teaching Learning	25	B. Use of various instructional methods and pedagogical initiatives (3)		2	
			C. Methodologies to support weak students and encourage bright students (4)		2	17
			D. Quality of classroom teaching (Observation in a Class) (3)		2	
			E. Conduct of experiments (Observation in Lab) (3)		2	
			F. Continuous Assessment in the laboratory (3)		2	
			G. Student feedback on teaching learning process and actions taken (6)		4	
2.2.2.	Quality of internal semester Question papers, assignments and Evaluation	20	A. Process for internal semester question paper setting, evaluation and effective process implementation (5)		3	9
			B. Process to ensure questions from outcomes/learning levels perspective (5)		2	
			C. Evidence of COs coverage in class test / mid-term tests (5)		2	
			D. Quality of Assignment and its relevance to COs (5)		2	

POs have not been defined properly and very few curricular gaps identified.

No letter to University/BOS. Contents beyond syllabus not seen. No mapping between content and POs/PSOs.

Sample Size of Students feedback is poor. No effective action after feedback is documented.

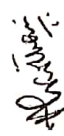
Quality of Q. papers and HoA. is poor. In some of the subjects, there is no matching between COS & questions asked in internal examination.

Signature (Program Evaluator 1)

N. P. R.

2.2.3.	Quality of student projects	25	A. Identification of projects and allocation methodology to Faculty (3) B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs (5) C. Process for monitoring and evaluation (5) D. Process to assess individual and team performance (5) E. Quality of completed projects/working prototypes (5) F. Evidences of papers published /Awards received by projects etc. (2)	3 3 3 3 3 1	3 3 3 3 3 1	16	Very few current publications on project.
2.2.4.	Initiatives related to industry interaction	15	A. Industry supported laboratories (5) B. Industry involvement in the program design and partial delivery of any regular courses for students (5) C. Impact analysis of industry institute interaction and actions taken thereof (5)	0 2 3	0 2 3	5	Poor industry - institute interaction. No industry supported Labs.
2.2.5.	Initiatives related to industry internship/summer training	15	A. Industrial training/tours for students (3) B. Industrial /internship /summer training of more than two weeks and post training Assessment (4) C. Impact analysis of industrial training (4) D. Student feedback on initiative (4)	2 3 3 3	2 3 3 3	11	Poor participation in ineffective internship and its Post training assessment
Total of Criterion 2:		120	Overall Marks for Criterion 2:		66	58	

N. R. D.



Signature (Program Evaluator 1)

Criterion 3: Course Outcomes and Program Outcomes (120)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded	Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Marks	Total	
3.1.	Establish the correlation between the courses and the POs & PSOs	20				
3.1.1.	Course Outcomes	5	Evidence of COs being defined for every course (5)	3	3	COs not defined properly for few subjects.
3.1.2.	CO-PO/PSOs matrices of courses selected in 3.1.1 (six matrices)	5	Explanation of table to be ascertained (5)	2	2	The explanation of CO-PO mapping is also not done properly.
3.1.3.	Program level Course-PO/PSOs matrix of ALL courses including first year courses	10	Explanation of tables to be ascertained (10)	6	6	
3.2.	Attainment of Course Outcomes	50				
3.2.1.	Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based	10	A. List of assessment processes (2) B. The quality /relevance of assessment processes & tools used (8)	2 6	8	
3.2.2.	Record the attainment of Course Outcomes of all courses with respect to set attainment levels	40	Verify the attainment levels as per the benchmark set for all courses (40)	22	22	Attainment levels not defined properly. Targeted attainment level not indicated.
3.3.	Attainment of Program Outcomes and Program Specific Outcomes	50				
3.3.1.	Describe assessment tools and processes used for assessing the attainment of each of the POs & PSOs	10	A. List of assessment tools & processes (5) B. The quality/relevance of assessment tools/processes used (5)	3 3	6	Sample size of course and survey and student exit-survey is poor. Inadequate documentation.
3.3.2.	Provide results of evaluation of each PO & PSO	40	A. Verification of documents, results and level of attainment of each PO/PSO (24) B. Overall levels of attainment (16)	14 10	24	
Total of Criterion 3:		120	Overall Marks for Criterion 3:		71	

V. P. Jee

Signature

Criterion 4: Students' Performance (150)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded	Overall Marks	Observations of Evaluators (Provide Justifications/Reasons)
				Marks Total		
4.1.	Enrolment Ratio (20)	20	A. $\geq 90\%$ students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (20) B. $\geq 80\%$ students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (18) C. $\geq 70\%$ students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (16) D. $\geq 60\%$ students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (14) E. $\geq 50\%$ students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (12) F. Otherwise '0'.	18	Overall Marks for 4.1 (18)	Ave. Enrolment ratio = 83.16%
4.2.	Success Rate in the stipulated period of the program	40				
4.2.1.	Success rate without backlogs in any Semester/year of study Without Backlog means no compartment or failures in any semester/year of study	25	SI = (Number of students who graduated from the program without backlog)/(Number of students admitted in the first year of that batch and actually admitted in 2nd year via lateral entry and separate division, if applicable) Average SI = Mean of success index (SI) for past three batches Success rate without backlogs in any year of study = $25 \times \text{Average SI}$	14	Overall Marks for 4.2 (28)	$\begin{array}{r} \text{LY6} \quad \text{LY61} \quad \text{LY62} \\ 76 \quad 73 \quad 73 \\ \hline 131 \quad 131 \quad 131 \\ \text{Mention Numbers} \end{array}$
4.2.2.	Success rate with backlog in stipulated period (actual duration of the program)	15	SI = (Number of students who graduated from the program with backlog in the stipulated period of course duration)/(Number of students admitted in the first year of that batch and actually admitted in 2nd year via lateral entry and separate division, if applicable) Average SI = mean of success index (SI) for past three batches Success rate = $15 \times \text{Average SI}$	14	Overall Marks for 4.3 (28)	$\begin{array}{r} \text{LY4} \quad \text{LY61} \quad \text{LY62} \\ 120 \quad 125 \quad 125 \\ \hline 131 \quad 131 \quad 131 \\ \text{Mention Numbers} \end{array}$
4.3.	Academic Performance in Third Year	15	Academic Performance = $1.5 \times \text{Average API}$ (Academic Performance Index) API = ((Mean of 3rd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) $\times$ (successful students/number of students appeared in the examination) Successful students are those who are permitted to proceed to the final year	9	Overall Marks for 4.3 (09)	$\begin{array}{r} \text{LY6} \quad \text{LY61} \quad \text{LY62} \\ 6.47 \quad 6.48 \quad 6.39 \\ \hline \text{Ave. API} = 6.42 \\ \text{Mention Numbers} \end{array}$

Signature

11/11/2020

UG Engineering Tier							
4.4.	Academic Performance in Second Year	15	Academic Performance Level = 1.5 * Average API (Academic Performance Index)	9	9	Overall Mark for 4.4 (09)	Mention Numbers LY4 LY41 LY42 607 605 609 →
4.5.	Placement, Higher studies and Entrepreneurship	40	API = ((Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful student sin Second Year/100)) x (successful students/number of students appeared in the examination)	25	25	Overall Marks for 4.5 (25)	X Y Z N CAY49 16 03 114 CAY41 72 12 04 126 CAY42 53 17 03 127 along with the calculation
4.6.	Professional Activities	20	Assessment Points = 40 x average of three years of [(x + y + z)/N] where, x = Number of students placed in companies or Government sector through on/off campus recruitment, y = Number of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National level tests, GRE, GMAT etc.), z = No. of students turned entrepreneur in engineering/technology N = Total number of final year students				
4.6.1.	Professional societies/chapters and organizing engineering events	5	A. Availability & activities of professional societies/chapters (3) B. Number, quality of engineering events (organized at institute, Level- Institute/State/National/International) (2)	2	3		No events at state / National / International level.
4.6.2.	Publication of technical magazines, newsletters, etc.	5	A. Quality & Relevance of the contents and Print Material (3) B. Participation of Students from the program (2)	2	3		Only Newsletter Published participating students name
4.6.3.	Participation in inter-institute events by students of the program of study (at other institutions)	10	A. Events within the state (2) B. Events outside the state (3) C. Prizes/awards received in such events (5)	2	6		Few events outside very few awards received
Total of Criterion 4:		150	Overall Marks for Criterion 4:			(101)	

V. K. Deen

Criterion 5: Faculty Information and Contributions (200)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Marks	Total		
5.1.	Student-Faculty Ratio (SFR)	20	Marks to be given proportionally from a maximum of 20 to a minimum of 10 for average SFR between 15:1 to 20:1, and zero for average SFR higher than 20:1 (Refer calculation in SAR) as per the marks distribution given below: 15.00 - 15.50 - 20 marks 15.51 - 16.50 - 18 marks 16.51 - 17.50 - 16 marks 17.51 - 18.50 - 14 marks 18.51 - 19.50 - 12 marks 19.51 - 20.00 - 10 marks • Minimum 75% should be Regular/Full Time faculty and the remaining can be Contractual Faculty/Adjunct Faculty/Resource Source from industry as per AICTE norms and standards. • The contractual Faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre. Cadre Proportion Marks = $\left[\frac{AF1}{RF1} + \left(\frac{AF2}{RF2} \times 0.6 + \left(\frac{AF3}{RF3} \times 0.4 \right) \times 12.5 \right) \right] \times \frac{RF3}{RF1}$ • If AF1 = AF2 = 0 then zero marks • Maximum marks to be limited if it exceeds 25 (Refer calculation in SAR)	14	14	Overall Marks for 5.1 (14)	AS per SAR
5.2.	Faculty Cadre Proportion	25	$FQ = 2.5 \times \left\{ \frac{10X + 4Y}{F} \right\}$ where, X is no. of faculty with Ph.D., Y is no. of faculty with M.Tech, F is no. of faculty required to comply 1:15 Faculty Student ratio (no. of faculty and no. of students required to be calculated as per 5.1) • If AF1 = AF2 = 0 then zero marks • Maximum marks to be limited if it exceeds 25 (Refer calculation in SAR)	19	19	Overall Marks for 5.2 (19)	AF1 AF2 AF3 2 3 23 CAY 2 5 18 CAYM1 2 5 18 CAYM2 2 4 19 RF1=3, RF2=6, RF3=18
5.3.	Faculty Qualification	25	• If AF1 = AF2 = 0 then zero marks • Maximum marks to be limited if it exceeds 25 (Refer calculation in SAR)	11	11	Overall Marks for 5.3 (11)	CAY 4 30 } U4+p4 CAYM1 4 27 } Mentoring numbers CAYM2 4 27 } faculty considered.
5.4.	Faculty Retention	25	A. $\geq 90\%$ of required Faculties retained during the period of assessment keeping CAYm3 as base year (25) B. $\geq 75\%$ of required Faculties retained during the period of assessment keeping CAYm3 as base year (20) C. $\geq 60\%$ of required Faculties retained during the period of assessment keeping CAYm3 as base year (15) D. $\geq 50\%$ of required Faculties retained during the period of assessment keeping CAYm3 as base year (10) E. Otherwise (0)	20	20	Overall Marks for 5.4 (20)	AS per SAR

Handwritten signature

V. Reddy

UG Engineering Tier-II		3		11		Overall Marks for 5.5 (1)		Only few PPTs are available. The work is not available for peer review and critique.	
5.5.	Innovations by the Faculty in Teaching and Learning	20	A. The work must be made available on Institute Website (4) B. The work must be available for peer review and critique (4) C. The work must be reproducible and developed further by other scholars (2) D. Statement of clear goals, use of appropriate methods, significance of results, effective presentation and reflective critique (10)		6	1	5.5	AS per SAR. Mention numbers. However, Collections shown are incorrect.	
5.6	Faculty as participants in Faculty development /training activities /STTPs	15	For each year: Assessment = 3xSum/0.5RF Average assessment over last three years starting from CAYm1 (Marks limited to 15)		8	8	5.68	No Books / Patents. No Publication in SCI Journals. 02 PhDs awarded during assessment period.	
5.7.	Research and Development	30	A. Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc. (6) B. PhD guided /PHD awarded during the assessment period while working in the institute (4) C. Funded research from outside; Cumulative during last three years starting from CAYm1: Amount > 20 Lacs - 5 Marks Amount >= 16 Lacs and <= 20 Lacs - 4 Marks Amount >= 12 Lacs and < 16 Lacs - 3 Marks Amount >= 8 Lacs and < 12 Lacs - 2 Marks Amount >= 4 Lacs and < 8 Lacs - 1 Mark Amount < 4 Lacs - 0 Mark		2	2	5.7	Mention numbers	
5.7.1.	Academic Research	10	A. Product Development B. Research laboratories C. Instructional materials D. Working models/charts/monograms etc. Consultancy; Cumulative during last three years starting from CAYm1: Amount > 10 Lacs - 5 Marks Amount >= 8 Lacs and <= 10 Lacs - 4 Marks Amount >= 6 Lacs and < 8 Lacs - 3 Marks Amount >= 4 Lacs and < 6 Lacs - 2 Marks Amount >= 2 Lacs and < 4 Lacs - 1 Mark Amount < 2 Lacs - 0 Mark		4	4	5.7	Mention numbers	
5.7.2	Sponsorec Research	5	A. A well defined performance appraisal and development system instituted for all the assessment years (10) B. Its implementation and effectiveness (20)		00	00	5.7	Consultancy - 2 Lacs.	
5.7.3	Development Activities	10	A. A well defined performance appraisal and development system instituted for all the assessment years (10) B. Its implementation and effectiveness (20)		0	0	5.7	Effective Implementation not seen. Inadequate Documentation.	
5.7.4.	Consultancy (From Industry)	5	A. A well defined performance appraisal and development system instituted for all the assessment years (10) B. Its implementation and effectiveness (20)		01	01	5.7	Asked Documentation not given.	
5.8.	Faculty Performance Appraisal and Development System (FPADS)	30	A. A well defined performance appraisal and development system instituted for all the assessment years (10) B. Its implementation and effectiveness (20)		8	8	5.8	Asked Documentation not given.	
5.9.	Visiting /Adjunct/ Emeritus Faculty etc.	10	Provision of Visiting /Adjunct/ Emeritus faculty etc.(1) Minimum 50 hours per year interaction per year to obtain three marks : 3 x 3 = 9		12	12	5.9	Asked Documentation not given.	
Total of Criterion 5:		200	Overall Marks for Criterion 5:		117	117	5.9	Asked Documentation not given.	

V. K. Reddy

Signature

Signature (Program Evaluation 4)

Criterion 6: Facilities and Technical Support (80)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/Reasons)
				Marks	Total		
6.1.	Adequate and well equipped laboratories, and technical manpower	30	A. Adequate well-equipped laboratories to run all the program-specific curriculum (20) B. Availability of adequate technical supporting staff (5) C. Availability of qualified technical supporting staff (5)	12	20	Overall Marks for 6.1: 20	No state of Art equipments in Labs.
6.2.	Additional Facilities created for improving the quality of learning experience in Laboratories	25	A. Availability and relevance of additional facilities (10) B. Facilities utilization and effectiveness (10) C. Relevance to POs and PSOs (5)	6	15	Overall Marks for 6.2: 15	No Significant additional facilities.
6.3.	Laboratories: Maintenance and overall ambience	10	Maintenance and overall ambience (10)	6	6	Overall Marks for 6.3: 6	The maintenance is Poor. The wash rooms were stinking
6.4.	Project laboratory	5	Facilities & Utilization (5)	3	3	Overall Marks for 6.4: 3	Poor Facilities in Project Labs.
6.5.	Safety measures in laboratories	10	Safety measures in laboratories (10)	8	8	Overall Marks for 6.5: 8	
Total of Criterion 6:		80		Marks for Criterion 6:		52	

V. Paul

Signature

Signature (Program Evaluator 1)

Criterion 7: Continuous Improvement (50)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/Reasons)
				Marks	Total		
7.1.	Actions taken based on the results of evaluation of each of the POs and PSOs	20	A. Documentation of POs and PSOs attainment levels (5) B. Identification of gaps/shortfalls (5) C. Plan of action to bridge the gap and its Implementation (10)	3 3 6	12	Overall Marks for (12)	POs not properly defined: No identification of gaps No plan to bridge the gap not seen.
7.2.	Academic Audit and actions taken during the period of Assessment	10	Assessment shall be based on conduct and actions taken in relation to continuous improvement (10)	6	6	Overall Marks for 7.06	Acting taken in relation to continuous improvement seen
7.3.	Improvement in Placement, Higher Studies and Entrepreneurship	10	A. Improvement in Placements (5) B. Improvement in Higher Studies (3) C. Improvement in number of Entrepreneurs (2)	3 3 3	9	Overall Marks for 7.09	No significant improvement seen.
7.4.	Improvement in the quality of students admitted to the program	10	Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrance tests, percentage Physics, Chemistry and Mathematics marks in 12th Standard and percentage marks of the lateral entry students	7	7	Overall Marks for (07)	No. of students admitted through National level state level entrance tests. No significant improvement in the quality of students seen.
Total of Criterion 7:		50		Marks for Criterion 7:		(34)	

V. Patel

Signature

Part B-Program Assessment Worksheet Institute Level Criteria to be Assessed by Chairman

Name of the Institution Vidya Jyothi Institute of Technology, Aziz Nagar, Hyderabad, Telangana 500075
Name of the Program: Electrical & Electronics Engineering

Criterion 8: First Year Academics (50)					Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines		Marks	Total		
8.1.	First Year Student- Faculty Ratio (FYSFR)	5	For each year of assessment = $(5 \times 15) / \text{FYSFR}$ (Limited to Max. 5) Average of Assessment years		3.7	3.7	3.7	(5*15/20.2)
8.2.	Qualification of Faculty Teaching First Year Common Courses	5	A. Assessment of faculty qualification $(5x + 3y) / \text{RF}$ B. Average of Assessment of last three years (Refer 8.2. for x, y and RF)		3.1	3.1	3.1	(5*7+3*52)/68
8.3.	First Year Academic Performance	10	Academic Performance = $((\text{Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale}) \text{ or } (\text{Mean of the percentage of marks in First Year of all successful students}/10)) \times (\text{successful students}/\text{number of students appeared in the examination})$ Successful students are those who are permitted to proceed to the Second year		6.4	6.4	6.4	(6.97+6.81+6.53)/3
8.4.	Attainment of Course Outcomes of first year courses	10						
8.4.1.	Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is based	5	A. List of assessment processes (1) B. The relevance of assessment tools used (4)		1	3	7	The tools are used to address lower level of abilities
8.4.2.	Record the attainment of Course Outcomes of all first year courses	5	Verify the records as per the benchmark set for the courses (5)		4	4		Records are available
8.5.	Attainment of Program Outcomes of all first year courses	20						
8.5.1.	Indicate results of evaluation of each relevant PO/PSO	15	A. Process of computing POs/PSOs attainment level from the COs of related first year courses (5) B. Verification of documents validating the above process (10)		3	6	11	COs from lab courses are not well defined
8.5.2.	Actions taken based on the results of evaluation of relevant POs /PSOs	5	Appropriate actions taken (5)		2	11		More action is required
Total of Criterion 8:		50	Overall Marks for Criterion 8:				31.2	

/s/

28/6/18

Criterion 9: Student Support Systems (50)						
S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded	Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Marks	Total	
9.1.	Mentoring system to help at individual level	5	Details of the mentoring system that has been developed for the students for various purposes and also state the efficacy of such system (5)	3	3	mentoring system that has been developed for the students require more refinement.
9.2.	Feedback analysis and reward /corrective measures taken, if any	10	A. Methodology being followed for analysis of feedback and its effectiveness (5) B. Record of corrective measures taken (5)	3 3	6	
9.3.	Feedback on facilities	5	Feedback collection, analysis and corrective action (5)	3	3	
9.4.	Self Learning	5	A. Scope for self-learning (2) B. Self Learning facilities, materials for learning beyond syllabus, Webinars, Podcast, MOOCs etc. and demonstrate its effective utilization (3)	1 2	3	
9.5.	Career Guidance, Training, Placement	10	A. Availability of career guidance facilities (2) (2) B. Counseling for higher studies (GATE/GRE, GMAT, etc.) C. Pre-placement training (3) D. Placement process and support (3)	1 2 2	6	
9.6.	Entrepreneurship Cell	5	A. Entrepreneurship Initiatives (1) B. Data on students benefited (4)	1 2	3	
9.7.	Co-curricular and Extra-curricular Activities	10	A. Availability of sports and cultural facilities (3) B. NCC, NSS and other clubs (3) C. Annual students activities (4)	1 2 2	5	
Total of Criterion 9:		50	Overall Marks for Criterion 9:		29	

Signature

Signature

Signature of Chairman

Criterion 10: Governance, Institutional Support and Financial Resources (120)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Marks	Total		
10.1.	Organization, Governance and Transparency	40					
10.1.1.	State the Vision and Mission of the Institute	5	A. Availability of the Vision & Mission statements of the Institute (2) B. Appropriateness/Relevance of the Statements (3)	2 2	4		
10.1.2.	Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies	10	A. Governing Body Composition, senate, and all other academic and administrative bodies; their memberships, functions, and responsibilities; frequency of the meetings; participation details of external members and attendance therein (4) B. The published service rules, policies and procedures with year of publication (3) C. Minutes of the meetings and action-taken reports (3)	3 2 2	7	25	
10.1.3.	Decentralisation in working and grievance redressal mechanism	10	A. List the names of the faculty members who have been delegated powers for taking administrative decisions (1) B. Specify the mechanism and composition of grievance redressal cell (2) C. Action taken report as per 'B' above (7)	1 1 4	5		
10.1.4.	Delegation of financial powers	10	A. Financial powers delegated to the Principal, Heads of Departments and relevant in-charges (3) B. Demonstrate the utilization of financial powers for each of the assessment years (7)	2 4	6		
10.1.5.	Transparency and availability of correct/unambiguous information in public domain	5	A. Information on the policies, rules, processes is to be made available on web site (2) B. Dissemination of the information about student, faculty and staff (3)	1 2	3		
10.2.	Budget Allocation, Utilization, and Public Accounting at Institute level	30	Expenditure per student: Fee per student:				
10.2.1.	Adequacy of Budget allocation	10	A. Quantum of budget allocation for three years (5) B. Justification of budget allocated for three years (5)	4 4	8		Budget provision is good for various departments
10.2.2.	Utilization of allocated funds	15	Budget utilization for three years (15)	10	10	23	
10.2.3.	Availability of the audited statements on the Institute's website	5	Availability of Audited statements on website (5)	5	5		

Signature of Chairman

Program Specific Budget Allocation, Utilization		30	To be evaluated In consultation with the Program Experts				20	Budget provision is good for department
			A. Quantum of budget allocation for three years (5)	4				
10.3.1.	Adequacy of budget allocation	10	B. Justification of budget allocated for three years (5)	4	8			
10.3.2.	Utilization of allocated funds	20	Budget utilization for three years (20)	12	12			
10.4.	Library and Internet	20	A. Availability of relevant learning resources including e-resources and Digital Library (7)	6	8			
10.4.1.	Quality of learning resources (hard/soft)	10	B. Accessibility to students (3)	2				
			A. Available bandwidth (4)	4				
			B. Wi Fi availability (2)	2				
10.4.2.	Internet	10	C. Internet access in labs, classrooms, library and offices of all Departments (2)	1				
			D. Security mechanism (2)	2	9			
Total of Criterion 10:		120	Overall Marks for Criterion 10:				85	
			146.2					