

PART A

Evaluator's Visit Report

Undergraduate Engineering Program

Tier-II

Name of the Institution

Vidya Jyothi Institute of Technology, Hyderabad 500075, Telangana

Name of the Program

UG-Computer Science & Engineering

Visit Dates

20-22 April 2018


PROF. WIKESH ZAVERI

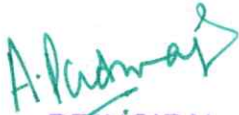
PROF. SANJOY KUMAR SAMRA

NATIONAL BOARD OF ACCREDITATION

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Program Evaluator Summary

Overview

The Expert team of National Board of Accreditation (NBA) conducted a three day accreditation visit from 20 April 2018 to 22 April 2018 Vidya Jyothi Institute of Technology, Hyderabad 500075, Telangana to evaluate UG Engineering program Computer Science and Engineering.

Pre visit meeting of the expert tea was held on at Quality Inn Residency 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 Prof. Dr. Venugopal Reddy. The briefing on the institution was given by Principal Dr. (Mrs.) A. Padmaja and on the program was given by the Dr. (MRs.) Arunakumari on behalf of Head, CSE Dr.-B. Vijayakumar 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	<input checked="" type="checkbox"/>	Alumni	<input checked="" type="checkbox"/>
Employers	<input checked="" type="checkbox"/>	Parents	<input checked="" type="checkbox"/>
Staff members	<input checked="" type="checkbox"/>	Students	<input checked="" type="checkbox"/>

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

The programme was affiliated earlier to JNTU and now the institute has autonomy since 2014. The admission is conducted through state entrance examination, lateral entries and management quota. The programme was earlier accredited in the year 2011 for three years by NBA.

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Program Details

Name of the Program UG (BTech) CSE				
Year of Commencement	1999			
Student	Year	Sanctioned Intake	Actual Admitted	
	CAY (2017-- 2018)	240	240	
	CAY m1 (2016 - 2017)	240	240	
	CAY m2 (2015 - 2016)	240	240	
	Total Students in the Programme 1 st to Final Year	906		
	Averaged over three assessment years	810		
Placement %	CAYm1 (2016 - 2017)	69		
	CAY m2 (2015 - 2016)	66		
	CAY m2 (2014 - 2015)	64		
	Averaged over three assessment years	66		
Faculty (Attach a Copy of faculty list compared with Time Table)	Regular	Professor	8	
		Associate professor	1	
		Assistant professor	51	
	Ad-hoc	Professor	NIL	
		Associate professor	NIL	
		Assistant professor	NIL	
	Contractual	Professor	NIL	
		Associate professor	NIL	
		Assistant professor	NIL	
	Student-Teacher ratio		1 : 14.4	
	Visiting/guest faculty (Total Numbers of Hours)		NIL	
Previous accreditation(if any)	First accreditation	No. of years accredited for	3 years	
		With effect from	May 2011	
	Previous accreditation	No. of years accredited for	3 years	
		With effect from	May 2011	

CAY: Current Assessment Year

CAYm1: Current Assessment Year minus 1

CAYm2: Current Assessment Year minus 2

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Explicit observations about the program
(Please use additional sheets if necessary to elaborate)

Program title UG Computer Science and Engineering

Strengths:

1. Good enrolment ratio.
2. Good faculty retention.

Weakness/Areas of improvement:

1. Faculty cadre ratio – lack of associate professor as per the norms
2. Faculty qualification – Few faculty members are Phd holders
3. Placement percentage and its quality
4. Research and Development

Deficiencies:

1. More clarity is required for understanding and implementation of OBE
2. Publication quality
3. Academic audit
4. Faculty computing facility and faculty room ambience

Other Observations, if any:

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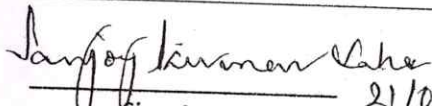
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Department/Programme Specific Criteria:

S.no.	Criteria	Max. Marks	Marks Awarded	Remarks
1.	Vision, Mission and Program Educational Objectives	60	36	
2.	Program Curriculum and Teaching-Learning Processes	120	71	
3.	Course Outcomes and Program Outcomes	120	70	
4.	Students' Performance	150	118	
5.	Faculty Information and Contributions	200	116	
6.	Facilities and Technical Support	80	50	
7.	Continuous Improvement	50	27	
TOTAL		780	488	


Signature
(Program Evaluator 1) 21/04/18


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(Program Evaluator 2)


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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)



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Part B-Program Assessment Worksheet Program Level Criteria - To be Assessed by Evaluator

Name of the Institution : Vidya Jyothi Institute of Technology, Hyderabad 500075, Telangana
Name of the Program : UG-Computer Science & Engineering

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)	1	5	5	
			B. Appropriateness/Relevance of the Statements (2)	2			
			C. Consistency of the Department statements with the Institute statements (2)	2			
1.2.	State the Program Educational Objectives (PEOs)	5	Program Educational Objectives (3 to 5) (5) Appropriateness	4	4	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)	2	6	6	Dissemination among all stakeholders is not visible, Awareness among students and other stakeholders is weak
			B. Process of dissemination among stakeholders (2)	1			
			C. Extent of awareness of Vision, Mission & PEOs among the stakeholder (6)	3			
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)	5	12	12	Process of defining vision, mission and PEOs is very sketchy and proper involvement of stakeholders not observed
			B. Description of process for defining the PEOs of the program (15)	7			
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)	4	9	9	PEO - mission matrix not consistent and co-relation is not justified
			B. Consistency/justification of co-relation parameters of the above matrix (10)	5			
Total of Criterion 1:				Overall Marks for Criterion 1:		36	

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Signature (Program Evaluator 1)

Criterion 2: Program Curriculum and Teaching - Learning Processes (120)

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Marks	Total		
2.1.	Program Curriculum	20					
2.1.1.	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) B. List the curricular gaps for the attainment of defined POs & PSOs (4)	3 2	5	9	Process is not clearly stated, not effective. PSOs are not properly framed. Compliance matrix is not appropriate.
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) B. Delivery details of content beyond syllabus (5) C. Mapping of content beyond syllabus with the POs & PSOs (3)	1 2 1	4		Steps taken are non-conclusive. Certain preliminary actions towards content beyond syllabus has been observed.
2.2.	Teaching-Learning Processes	100			62		
2.2.1	Describe the Process followed to improve quality of Teaching Learning	25	A. Adherence to Academic Calendar (3) B. Use of various instructional methods and pedagogical initiatives (3) C. Methodologies to support weak students and encourage bright students (4) D. Quality of classroom teaching (Observation in a Class) (3) E. Conduct of experiments (Observation in Lab) (3) F. Continuous Assessment in the laboratory (3) G. Student feedback on teaching learning process and actions taken (6)	3 2 2 2 2 2 3	16	31	Nominal measures are observed for supporting weak students and encouraging bright students. Feedback forms not completely appropriate. Action taken part is not satisfactory.
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) B. Process to ensure questions from outcomes/learning levels perspective (5) C. Evidence of COs coverage in class test / mid-term tests (5) D. Quality of Assignment and its relevance to COs (5)	4 4 4 3	15		Quality of assignment needs improvement.

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2.2.3. Quality of student projects	25	A. Identification of projects and allocation methodology to Faculty (3)		2	15 ✓	Few projects have narrow scope. Evidence of monitoring and publishing is partial.
		B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs(5)		3		
		C. Process for monitoring and evaluation (5)		3		
		D. Process to assess individual and team performance(5)		3		
		E. Quality of completed projects/working prototypes (5)		3		
		F. Evidences of papers published /Awards received by projects etc. (2)		1		
2.2.4. Initiatives related to industry interaction	15	A. Industry supported laboratories (5)		2	6 ✓	31
		B. Industry involvement in the program design and partial delivery of any regular courses for students (5)		2		
		C. Impact analysis of industry institute interaction and actions taken thereof (5)		2		
2.2.5. Initiatives related to industry internship/summer training	15	A. Industrial training/tours for students (3)		3	10 ✓	Impact analysis not observed and student feedback process is not upto the mark.
		B. Industrial /internship /summer training of more than two weeks and post training Assessment (4)		3		
		C. Impact analysis of industrial training (4)		2		
		D. Student feedback on initiative (4)		2		
Total of Criterion 2:		120	Overall Marks for Criterion 2:		71	

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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)	4	4	12	Mapping matrix not appropriate.
3.1.2.	CO-PO/PSOs matrices of courses selected in 3.1.1 (six matrices)	5	Explanation of table to be ascertained (5)	3	3		
3.1.3.	Program level Course-PO/PSOs matrix of ALL courses including first year courses	10	Explanation of tables to be ascertained (10)	5	5		
3.2.	Attainment of Course Outcomes	50				31	PO attainment process not correct, does not consider weighted contribution of COS. Indirect assessment is not taken care of properly.
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)	2	6		
3.2.2.	Record the attainment of Course Outcomes of all courses with respect to set attainment levels	40	B. The quality /relevance of assessment processes & tools used (8) Verify the attainment levels as per the benchmark set for all courses (40)	4	25		
3.3.	Attainment of Program Outcomes and Program Specific Outcomes	50				27	As computational mechanism is not proper. so attainment levels are not justified.
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)	3	5		
3.3.2.	Provide results of evaluation of each PO & PSO	40	B. The quality/relevance of assessment tools/processes used (5) A. Verification of documents, results and level of attainment of each PO/PSO (24) B. Overall levels of attainment (16)	2	22		
Total of Criterion 3:		120				70	

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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	<p>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)</p> <p>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)</p> <p>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)</p> <p>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)</p> <p>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)</p> <p>F. Otherwise '0'.</p>	20	20	20	2017-18 (240 out of 240), 2016-17 (240 out of 240), 2015-16 (240 out of 240), 2014-15 (234 out of 240)
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	<p>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 = $25 \times$ Average SI</p>	13	13	27	(admission) 2013-14 (87/175=0.5), 2012-13 (101/177=0.57), 2011-12 (66/125=0.53) - Average SI 0.53
4.2.2.	Success rate with backlog in stipulated period (actual duration of the program)	15	<p>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 = $15 \times$ Average SI</p>	14	14		(admission) 2013-14 (160/175=0.91), 2012-13 (161/177=0.91), 2011-12 (112/125=0.9) - Average SI 0.91
4.3.	Academic Performance in Third Year	15	<p>Academic Performance = $1.5 \times$ 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</p>	11	11	11	(admission) 2014-15 (6.86), 2013-14 (7.21), 2012-13 (6.81) - Average API 6.96


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4.4.	Academic Performance in Second Year	15	Academic Performance Level = $1.5 * \text{Average API (Academic Performance Index)}$ 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/10)) x (successful students/number of students appeared in the examination)	10	10	10	(admission) 2015-16 (7.0), 2014-15 (6.72), 2013-14 (6.77) - Average API 6.83
4.5.	Placement, Higher studies and Entrepreneurship	40	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	37	37	37	(admission) 2013-14 ((112+35+4) / 162 = 0.93), 2012-13 ((111+38+4) / 167 = 0.91), 2011-12 ((73+29+2) / 114 = 0.91) - Average 0.92
4.6.	Professional Activities	20					
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)	3	4	4	Quality of events not upto the mark.
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)	1	3	3	Poor in terms of quality and content.
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	6	Very less participation outside state. Few prizes/awards noticed.
Total of Criterion 4:		150		Overall Marks for Criterion 4:			118

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Criterion 5: Faculty Information and Contributions (200)		Max. Marks	Sub Criteria	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
S.No.	Max. Marks				Marks	Total		
5.1.	20	Student-Faculty Ratio (SFR)	<p>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:</p> <p>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</p> <ul style="list-style-type: none"> 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. 	20	20	20	2017-18 N=864, F=60, 2016-17 N=792, F=54, 2015-16 N=720, F=51.	
5.2.	25	Faculty Cadre Proportion	<p>Cadre Proportion Marks =</p> $\left[\frac{AF1}{RF1} + \left(\frac{AF2}{RF2} \times 0.6 \right) + \left(\frac{AF3}{RF3} \times 0.4 \right) \times 12.5 \right]$ <ul style="list-style-type: none"> If AF1 = AF2 = 0 then zero marks Maximum marks to be limited if it exceeds 25 (Refer calculation in SAR) 	23	23	23	2017-18 AF1=8, RF1=6, AF2=1, RF2=13, AF3=51, RF3=39; 2016-17 AF1=7, RF1=6, AF2=1, RF2=12, AF3=46, RF3=36; 2015-16 AF1=7, RF1=5, AF2=3, RF2=11, AF3=41, RF3=32;	
5.3.	25	Faculty Qualification	<p>FQ = $2.5 \times \{(10X + 4Y)/F\}$ 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)</p>	13	13	13	2017-18 X=8, Y=52, F=58; 2016-17 X=7, Y=47, F=53; 2015-16 X=7, Y=45, F=48;	
5.4	25	Faculty Retention	<p>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)</p>	25	25	25		


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5.5. Innovations by the Faculty in Teaching and Learning	20	The work must be made available on Institute Website (4)		2	2	No such work of desired innovation level observed. Only few supporting study material for internal usage has been noticed.
		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)			
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	2017-18 - 10.8, 2016-17 - 13, 2015-16 - 11.05 Average 11.61 It is observed most of organized programmes are of one day. No STTPs of one week or two weeks observed hence, marks are reduced.
5.7 Research and Development	30					
5.7.1 Academic Research	10	A. Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc. (6)	2	4		Only one SCI Journal observed, 2 SCOPUS conference papers observed. Very few students registered and guided.
5.7.2 Sponsored Research	5	B. PhD guided /PHD awarded during the assessment period while working in the institute (4) 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	5	5	2016 RCI DRDO Rs. 10,00,000/-; 2015 DST SERB Rs. 35,78,000/-
5.7.3 Development Activities	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	1	1	1	Very minor initiative observed.
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) Provision of Visiting /Adjunct/Emeritus faculty etc.(1) Minimum 50 hours per year interaction per year to obtain three marks : 3 x 3 = 9	5	13	13	No technical consultancy apart from conducting exams
5.8 Faculty Performance Appraisal and Development System (FPADS)	30		8			Appraisal forms are there but not well defined and implementation and effectiveness is not clear.
5.9 Visiting/Adjunct/Emeritus Faculty etc.	10		1	1	1	Provision is there, no such faculty at present.
Total of Criterion 5:	200	Overall Marks for Criterion 5:			116	


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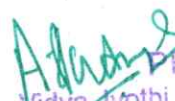
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Signature (Program Evaluator 1)

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Criterion 6: Facilities and Technical Support (80)		Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
S.No.	Max. Marks				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)	14	22	22	Labs are moderately equipped to cater the UG programme.	
			B. Availability of adequate technical supporting staff (5)	4				
			C. Availability of qualified technical supporting staff (5)	4				
6.2.	Additional Facilities created for improving the quality of learning experience in Laboratories	25	A. Availability and relevance of additional facilities(10)	5	14	14	No major additional facility observed. Utilization is not very high.	
			B. Facilities utilization and effectiveness (10)	6				
			C. Relevance to POs and PSOs (5)	3				
6.3.	Laboratories: Maintenance and overall ambience	10	Maintenance and overall ambience (10)	6	6	6	Process of maintenance is not well defined.	
6.4.	Project laboratory	5	Facilities & Utilization (5)	3	3	3	No separate project lab. Existing course labs are used for project work.	
6.5.	Safety measures in laboratories	10	Safety measures in laboratories (10)	5	5	5	No significant measures observed.	
Total of Criterion 6:		80			Marks for Criterion 6:		50	



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Sanjay Kumar Reddy
 21/04/18

Criterion 7: Continuous Improvement (50)				Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provi'd Justifications/ Reasons)
S.No.	Sub Criteria	Max. Marks	Max. Marks		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 2 5	10	10	The complete process of analysis and action taken is very sketchy. No meaningful and effective action taken part / plan is observed.
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)	5	5	5	Academic audit is not fully justified.
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 2 1	6	6	No major improvement observed.
7.4.	Improvement in the quality of students admitted to the program	10		Assessment is based on improvement in terms of marks/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	6	6	6	No significant changes.
Total of Criterion 7:							27	


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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: Computer Science & Engineering

S.No.	Sub Criteria	Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
				Total	3.7		
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	$(5 \times 15 / 20.2)$
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	$(5 \times 7 + 3 \times 58) / 68$
8.3.	First Year Academic Performance	10	Academic Performance = $(\text{Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale})$ 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	6.93	6.93	6.93	$(7.52 + 6.73 + 6.54) / 3$
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)	1	3	7	
8.4.2.			B. The relevance of assessment tools used (4)	2			
8.5.	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		The tools are used to address lower level of abilities Records are available
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)	3	6	11	
8.5.2.			B. Verification of documents validating the above process (10)	6			
Total of Criterion 8:				2	11	31.73	More action is required

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Signature of Chairman

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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	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	6	6	
9.3.	Feedback on facilities	5	Feedback collection, analysis and corrective action (5)	3	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			
9.5.	Career Guidance, Training, Placement	10	A. Availability of career guidance facilities (2) B. Counseling for higher studies (GATE/GRE, GMAT, etc.) (2) C. Pre-placement training (3) D. Placement process and support (3)	2	3	3	
9.6.	Entrepreneurship Cell	5	A. Entrepreneurship initiatives (1) B. Data on students benefitted (4)	1			
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)	2	3	3	
Total of Criterion 9:				Overall Marks for Criterion 9:		29	

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Criterion 10: Governance, Institutional Support and Financial Resources				Max. Marks	Evaluation Guidelines	Marks Awarded		Overall Marks	Observations of Evaluators (Provide Justifications/ Reasons)
S.No.	Sub Criteria	Organization, Transparency and Governance	and			Marks	Total		
10.1.				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	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)	2	7	26	
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	6		
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)	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	3		
10.2.	Budget Allocation, Utilization, and Public Accounting at Institute level			30	Expenditure per student: Fee per student:	2	3		
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	8		
10.2.2.	Utilization of allocated funds			15	Budget utilization for three years (15)	10	10	23	Budget provision is good for various departments
10.2.3.	Availability of the audited statements on the institute's website			5	Availability of Audited statements on website (5)	5	5		




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10.3. Program Specific Budget Allocation, Utilization		30		to be evaluated in consultation with the Program Experts		22	
10.3.1. Adequacy of budget allocation	10	A. Quantum of budget allocation for three years (5)	4	Budget provision is good for department			
10.3.2. Utilization of allocated funds	20	B. Justification of budget allocated for three years (5)	4				
10.4. Library and Internet	20	Budget utilization for three years (20)	14	14			
10.4.1. Quality of learning resources (hard/soft)	10	A. Availability of relevant learning resources including e-resources and Digital Library (7)	5	15			
10.4.2. Internet	10	B. Accessibility to students (3)	2				
		A. Available bandwidth (4)	7				
		B. Wi Fi availability (2)	3				
		C. Internet access in labs, classrooms, library and offices of all Departments (2)	2				
D. Security mechanism (2)	1	8					
Total of Criterion 10:	120	Overall Marks for Criterion 10:		86			

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25/11/18

BA
Head of the Department
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A. Prasad
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Signature of Chairman

NATIONAL BOARD OF ACCREDITATION
Bhishm Pitamah Marg, Pragati Vihar, Lodhi Road,
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New Delhi-110003

Dr. D.K. Paliwal
Member Secretary, NBA

File No. 11-133/2010/NBA

22nd September, 2011

To

The Principal,
Vidya Jyothi Institute of Technology
Aziznagar Gate, C. B. Post, Hyderabad-500075,
Andhra Pradesh
Ph. No. - 08413 - 235300

Subject: Accreditation status of programmes offered by Vidya Jyothi Institute of Technology, Chevella, R.R. Dist., A.P.

Dear Sir/Madam,

This has reference to your application dated 27-12-2008 seeking accreditation of National Board of Accreditation to various Programmes.

2. An Expert Committee conducted an on-site evaluation of the programmes. The report submitted by the Expert Committee was considered by the Engineering & Technology Accreditation Evaluation Committee (EAEC) for the concerned programmes. The Chairman of Executive Committee (EC) of the National Board of Accreditation considered the recommendations of the relevant Accreditation Evaluation Committee for each programme on 16-09-2011. The Chairman has approved the accreditation status of each programme applied by your institution which is as under:

S.No.	Name of the Programmes	Accreditation Status	Period of validity w.e.f. 16-09-2011
1.	B.Tech. Electronics & Communication Engineering	Accredited	Three years
2.	B.Tech. Electrical & Electronics Engineering	Accredited	Three years
3.	B.Tech. Computer Science and Engineering	Accredited	Three years
4.	B.Tech. Information Technology	Accredited	Three years
5.	B.Tech. Mechanical Engineering	Accredited	Three years

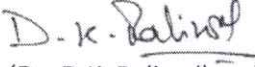
3. The accreditation status awarded to the programmes as indicated in the above paragraph does not imply that the accreditation has been granted to **Vidya Jyothi Institute of Technology, Chevella, R.R. Dist., A.P.** as a whole. The complete name of the programme(s) accredited, level of programmes (UG or PG as the case may be) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

D.K. Paliwal

Contd.../-

4. The accreditation status of the above programme(s) is subject to change on periodic review by the NBA Secretariat if major deficiencies are noticed. It is desired to comply with the mandatory disclosure of pertinent information in respect of accredited programmes indicated in the Table in paragraph 2 above in Proforma prescribed on the website of the National Board of Accreditation. The same information is also required to appear on the website and information bulletin of your Institution.
5. The accreditation status awarded to the programmes as indicated in Table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
6. A copy of the comprehensive Report submitted by the Chairman of the Expert Committee which visited your Institution is enclosed for reference and taking necessary action to overcome the shortcomings, if any, observed by the Expert Team.
7. If the Institution is not satisfied with the decision of NBA, appeal may be filed within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,


(Dr. D.K. Paliwal)
Member Secretary

Encls: Copy of Report of Chairman of the Visiting Team

Copy to:

1. The Vice Chancellor, Jawaharlal Nehru Technological University, Kukatpally, Hyderabad-500072, A.P.
2. The Secretary, Deptt. of Technical Education, Govt. of Andhra Pradesh, BRKB Bhawan, Hyderabad-500063, A.P.
3. Accreditation File
4. Master accreditation file of the State.