

# राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003  
**NATIONAL BOARD OF ACCREDITATION**  
4<sup>th</sup> Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 25-101-2010-NBA

Date 30-09-2024

To  
The Principal  
Rao Bahadur Y. Mahabaleswarappa Engineering College,  
Cantonment, Bellary-583104, Karnataka

Subject: Further accreditation status on the basis of Compliance Report of the programs applied by Rao Bahadur Y. Mahabaleswarappa Engineering College, Cantonment, Bellary-583104, Karnataka.

Sir,

This is regarding Compliance Reports submitted by Rao Bahadur Y. Mahabaleswarappa Engineering College, Cantonment, Bellary-583104, Karnataka for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2021-22 to 2023-24 i.e. upto 30/06/2024.

2. An Expert Team conducted data verification of the programs on 22<sup>nd</sup> June, 2024. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Civil Engineering	Tier II June 2015 Document	Accredited	Academic Years 2024-2025 to 2026-2027 i.e. upto 30-06-2027	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Mechanical Engineering		Accredited		
3.	Electronics & Communication Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for further 3 years. Rao Bahadur Y. Mahabaleswarappa Engineering College, Cantonment, Bellary-583104, Karnataka should submit fresh online application under SAR Tier II Document through eNBA portal not before five months from the expiry of validity of accreditation mentioned above.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Rao Bahadur Y. Mahabaleswarappa Engineering College, Cantonment, Bellary-583104, Karnataka as a whole. As such the institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

To,  
Rao Bahadur Y. Mahabaleswarappa Engineering College,  
Cantonment, Bellary-583104, Karnataka  
30/10/24

Contd/..

7. The accreditation status awarded to the programs 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.

8. A copy each of the Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

Encls: 1. Copy each of the Report of the Visiting Team in respect of the programs.

**Copy to:**

1. The Registrar,  
Visvesvaraya Technological University  
Jnana Sangama, Belgaum 590018, Karnataka
2. Principal Secretary (Hr. & Tech. Education)  
Govt. of Karnataka, K.G.S. 6th Floor  
M.S. Building, R No. 645  
Dr. B.R. Ambedkar Road, Bangalore 560001, Karnataka
3. Director Technical Education  
Tantrik Shikshan Bhawan, Palace Road  
Bangalore 560001, Karnataka
4. Master Accreditation Folder of the State
5. Accreditation File

# NATIONAL BOARD OF ACCREDITATION


## Pro-forma for Evaluation of Compliance Report for Tier II institutions

### Profile of the Institute

1. Name of the College: Rao Bahadur Y. Mahabaleswarappa Engineering College, Ballari.
2. Name of the program: Electronics and Communication Engineering
3. Current Accreditation period for which the compliance report is being submitted from 2021 to 2024

### Compliance Status – PART A

S.No.	Parameters	Minimum Requirement	Calculations	Remarks of the Evaluator (to be left blank)															
1.	Attach the copy of the AICTE approval for the Current Academic Year	F.No.South-west /1-36488269085/2023/EOA		Verified															
2.	Attach the copy of University Affiliations for the Current Academic Year (If Applicable)	Ref VTU/Aca/Res.cent./A4/2023-24/4456/34		Verified															
3	Admissions at the programme level average for the previous three academic years (including actual admission through lateral entry) for CAYm1, CAYm2 and CAYm3.	50%	<p>% Admissions at first year level = (Students Admitted (including lateral entry)/ Total Students Intake) X 100</p> <p>For the Academic Year (%)</p> <p>CAYm3 (2020-21) <math>\frac{59+6+5}{131} = 0.5</math></p> <p>CAYm2 (2021-22) <math>\frac{120+6+10}{136} = 0.9</math></p> <p>CAYm1 (2022-23) <math>\frac{120+6+11}{137} = 0.9</math></p> <p>Average = <math>0.84</math></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAYm1(2022-23)</th> <th>CAYm2(2021-22)</th> <th>CAYm3(2020-21)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">137</td> <td style="text-align: center;">136</td> <td style="text-align: center;">70</td> </tr> <tr> <td style="text-align: center;">137/12</td> <td style="text-align: center;">136/12</td> <td style="text-align: center;">70/12</td> </tr> <tr> <td style="text-align: center;">= 1.14</td> <td style="text-align: center;">= 1.13</td> <td style="text-align: center;">= 0.583</td> </tr> <tr> <td colspan="3" style="text-align: center;">AVERAGE = <math>(2.853/3) * 100 = 95.1\%</math></td> </tr> </tbody> </table> <p style="text-align: center;">Checked and Verified</p>	CAYm1(2022-23)	CAYm2(2021-22)	CAYm3(2020-21)	137	136	70	137/12	136/12	70/12	= 1.14	= 1.13	= 0.583	AVERAGE = $(2.853/3) * 100 = 95.1\%$		
CAYm1(2022-23)	CAYm2(2021-22)	CAYm3(2020-21)																	
137	136	70																	
137/12	136/12	70/12																	
= 1.14	= 1.13	= 0.583																	
AVERAGE = $(2.853/3) * 100 = 95.1\%$																			

  
 Prof. B. S. Bhullar

  
 C. RAMESH

  
 (KAUSHIK KUMAR RATEL)

4 <u>Faculty Details of the Department (UG+PG):</u>								
S.no.	Designation	CAYm1 2022-23			CAY 2023-24			Remarks of the Evaluator (to be left blank)
		With PhD.		With out PhD.	With PhD.		With out PhD.	
		Regular	Contract -ual		Regular	Contr- actual		
4a.	Professors	02	--	--	02	--	--	Checked and verified
4b.	Associate Professors	1	--	03	01	--	03	
4c.	Assistant Professors	--	--	18	01	--	13	
4d.	Total number of Faculty in the Department (UG+PG)	24-3*=21 *Faculty for first year			20-2*=18 *Faculty for first year			
5. <u>SFR Calculations</u>								
S.no.	Parameter	Calculations	Minim um Requi reme nt	Academic Year			Remarks of the Evaluator (to be left blank)	
				CAYm2 2021- 22	CAYm1 2022- 23	CAY 2023- 24		
5a.	Total number of sanctioned intake at UG + Actual admitted lateral entry students + PG level for the previous three academic years including the current academic year	* Total No. of Students in the Department (S) = UG1 + UG2+UGn + PG1 + PGm	-	377+36= 415	383+36= 419	387+36= 423	Checked	
* Students of all UG Programs from 2 <sup>nd</sup> years onwards								
5b.	The student faculty ratio (SFR) in the department averaged for previous three academic years including the current academic year.	SFR = S/F, Where S= Total number of students in the dept. and F= total number of faculty in the dept.	1:25	415/22 =18.86 AVG	419/21 =19.95 20.76.	423/18 =23.5	Checked and verified.	

*D. B. Shree*

*Praveen*

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6	Improvement in success rate without backlog for past three batches	<p><b>SI=</b> (Number of students who have graduated from the program without backlog)/(Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable)</p> <p><b>Average SI =</b> mean of Success Index (SI) for past three batches</p>	<p><b>PRIOR VISIT</b></p> <p><del>SI=0.63</del> SI = 0.25</p> <p><b>Average SI=0.206</b></p>	<p><b>AFTER VISIT</b></p> <p>23-24 : <math>\frac{27}{70} = 0.385</math>  22-23 : <math>\frac{29}{70} = 0.414</math>  <del>SI=2.031</del>  21-22 : <math>\frac{36}{68} = 0.529</math></p> <p>AVG: 0.43</p> <p><b>Average SI=0.449</b></p>	Improved.
7	Improvement in success rate with backlog for past three batches	<p><b>SI=</b> (Number of students who graduated from the program in the stipulated period of course duration)/(Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable)</p> <p><b>Average SI =</b> mean of Success Index (SI) for past three batches</p>	<p><b>PRIOR VISIT</b></p> <p>0.68</p> <p><del>SI=1.738</del></p> <p><b>AI=0.579</b></p>	<p><b>AFTER VISIT</b></p> <p>23-24 : <math>\frac{66}{70} = 0.94</math>  22-23 : <math>\frac{68}{73} = 0.93</math>  <del>SI=2.90</del>  21-22 : <math>\frac{68}{68} = 1.00</math></p> <p>AVG 0.95</p> <p><b>AI=0.967</b></p>	Improved.

*D. Shau*



*James*

S.No.	Parameters	Calculations	Prior to the Visit	After the visit	Remarks of the Evaluator (to be left blank)
8	Improvement in Academic Performance for the previous three years	<p><b>Academic Performance = Average API (Academic Performance Index)</b>  <b>API = ((Mean of 2<sup>nd</sup> 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 Second Year/10)) x (number of successful students/number of students appeared in the examination). Successful students are those who are permitted to proceed to the Third year.</b></p>	<del>8.9</del> <del>(3<sup>rd</sup> Year)</del>  6.48  <del>6.55</del> <del>(2<sup>nd</sup> year)</del>	<del>9.34</del> <del>(3<sup>rd</sup> year)</del>  22-23 : 6.40 21-22 : 6.14  9.20 <del>(2<sup>nd</sup> year)</del> 20-21 : 6.22  AVG 6.25	Reduced from 6.48 to 6.25
9	The Placement + Higher Studies + Entrepreneurship ratio averaged for previous three academic years.		0.622  <del>0.689</del> <del>Assessment</del> <del>[40*(Average Placement Index)] =</del> <del>40*0.689</del> <del>=27.58</del>	22-23 = 25/68 0.36 21-22 = 54/66 0.81 20-21 = 51/69 0.73 <del>0.702</del> <del>Assessment</del> <del>[40*(Average Placement Index)] =</del> <del>40*0.702</del> <del>=28.10</del>  AVG = 0.63	NO Improvement

*Dr. Shree*

*Praveen*

*(Signature)*

**Compliance status – PART B (Faculty Research and Development)**

S.No.	Criteria	Prior to the Accreditation Visit	After the Accreditation Visit	Remarks of the Evaluator (to be left Blank)
1	Improvement in the number of Faculty Development program (FDP)	95	119	Verified ✓
2	Improvement in the number of Publications	94	29	Verified ✓
3	Quality of Publications	a.No. of papers in Non SCI SCI/ESCI SCOPUS IEEE conference/IET Conferences Books Book's chapter - 12  b.Patent/ copyrights - 4	a) 16  b) 3 ( <del>1-UNDER-REVIEW</del> )	Verified Quality
4	Amount of funded research received	10,32,500.00	<del>15,05,000.00</del> NIL	NO funded Research
5	Amount of funded consultancy	Nil	Nil	NO Consultancy
6	Number of PhD. Produced	Nil	03	Verified ✓
7	Number of PhD. Pursuing	05	07 ( <del>2-ETR-Cleared</del> )	Improved

*Dr. Shree*

*(Signature)*

*Samir*



**RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**NBA Compliance Report on 22.06.2024**

S.N.	Criteria	Observations made by NBA (During the last	Compliance Status	Remarks of the Evaluator
<b>Criteria 1</b>				
1.5	Establish Consistence of PEO with mission of the department	Correlation Levels are on the higher side	Frame work <del>will be</del> redesigned & justified to established correct consistence with Mission Statements	Marginal Attempt noticed.
<b>Criteria 2</b>				
2.2.1	Describe the process followed to improve quality teaching learning	Continuous Assessment in labs is not done properly	1) Laboratory experiments are assessed weekly. 2) Lab equipments are revised and updated as per the curriculum.	Status QND.
2.2.4	Initiatives related to industry interaction	Industry supported laboratories	Applied for various funding Schemes and planning for setting up of Industry supported laboratories for ECE dept.	No improvement
<b>Criteria 3</b>				
3.1.2	CO-PO/PSO matrices of courses selected in 3.1.1(six matrices)	Explain of table is not satisfactory	CO-PO Matrices of all courses has been revised and mapping has been justified.	Checked.
<b>Criteria 4</b>				
4.6.1	Professional societies/Chapters and organizing engineering events	Only one professional society chapter there in the department (ISTE)	There are two Professional society chapter there in the department (ISTE and IEEE)	Checked.
4.6.2	Publications of technical magazines news extra	Quality of print material is good but the magazine does not contain articles written by the students	magazine contains articles written by the students	Marginal improvement noticed.

*Dr. Sheela*

*Pamela*

*(Signature)*



**RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**NBA Compliance Report on 22.06.2024**

Criteria 5				
5.7.1	Academic Research	Low quality Journal papers	Staffs are encouraged to publish papers in refereed/SCI Journals. College is supporting staff members by sponsoring publication fees	Checked
Criteria 6				
6.1	Adequate and well equipped lab and technical man powers	Ambience of lab is good ,labs are specious but latest equipment except embedded system lab is not seen in regular Course labs	Latest equipments have been procured as per the revised curriculum. <ul style="list-style-type: none"> <li>• Trainer Kits.</li> <li>• IOT kits</li> </ul>	Checked.
6.2	Additional facilities created for Improving the quality of learning experiences in laboratories	In regular Course Labs there is a lack of additional facilities	The department has procured the following particulars to provide additional facilities in the labs. Cadence licensed software. <ul style="list-style-type: none"> <li>• Vivado software.</li> <li>• Computers are Upgraded</li> </ul>	marginally few items have been procured.
Criteria 7				
7.1	Actions Taken based on the results of Evaluation of e each of the POs and POSs	Plan of action to bridge curricular gaps does not seems to be very effective	Continuous workshops/conferences and hands-on sessions and content beyond syllabus events conducted effectively	Few SDPs conducted
7.2	Academic audit action taken during the period of assessment	Academic audit is conducted regularly by internal and external members but improvement not seen in academic achievements	Improvements in academics are continuously monitored and working for the improvement of overall performance.	Audit conducted But no follow up

*Dr. Shree*

*[Signature]*

*Praveen*

**Compliance status to Compliance Report-Tier II Institutions**

S.N.	Pre Visit Qualifiers (Average of Assessment years)	Requirement for 3 years	YES/NO	Requirement for 6 years	YES/NO
1	Admissions in the undergraduate programs under consideration including students admitted through lateral entry (average of the previous three academic years CAYm1, CAYm2 and CAYm3)	50%	YES ✓ 0.84	75%	
2	Faculty student ratio in the department under consideration (Averaged over previous three academic years including Current Academic Year.)	1:25	YES 1:20.76	1:20	
3	At least one Professor or one Associate Professor on regular basis with Ph.D. degree should be available in the respective Department during previous two academic years including current academic year.	YES	YES ✓	At least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree should be available in the respective Department for previous two years (including Current Academic Year).	
4	Number of available Ph.Ds. in the department (Averaged for previous two academic years including Current Academic Year.)	10%	YES ✓	30%	
5	Whether HODs possess Ph.D. degrees for the programs under consideration	NA	YES ✓	YES	

*D. B. Shree*

*(Signature)*

*Praveen*

**NATIONAL BOARD OF ACCREDITATION**

**Pro-forma for  
Evaluation of  
Compliance Report for  
Tier II institutions**

4 Faculty Details of the Department (UG+PG):								
S.no.	Designation	CAYm1 2022-23			CAY 2023-24			Remarks of the Evaluator (to be left blank)
		With Ph.D.		With out PhD.	With Ph.D.		With out PhD.	
		Regul ar	Contra ctual		Regul ar	Contract ual		
4a.	Professors	2	0	0	2	0	0	Verified
4b.	Associate Professors	1	0	0	2	0	0	Verified
4c.	Assistant Professors	0	0	22	0	0	21	Verified
4d.	Total number of Faculty in the Department (UG+PG)	3	0	22	4	0	21	Verified

5. SFR Calculations							
S.No	Parameter	Calculations	Minim um Requir ement	Academic Year			Remarks of the Evaluator (to be left blank)
				CAYm2 2021- 22	CAYm1 2022- 23	CAY 2023- 24	
5a.	Total number of sanctioned intake at UG + Actual admitted lateral entry students + PG level for the previous three academic years including the current academic year	* Total No. of Students in the Department (S) = UG1 + UG2+UGn + PG1 + PGm	-	511	509	510	Verified

\* Students of all UG Programs from 2nd years onwards

5b.	The student faculty ratio (SFR) in the department averaged for previous three academic years including the current academic year.	SFR = S/F, Where S= Total number of students in the dept. and F= total number of faculty in the dept.	1:25	21.29	22.13	22.17	Verified Avg SFR = 21.86
				Average = 1:21.86			
6.	Improvement in success rate without backlog for past three batches	SI= (Number of students who have graduated from the program without backlog)/(Number of students	0.33	0.30		Decrement	

*Dr. Shree* *Praveen* *(Signature)*

		admitted in the first year of that batch and admitted in 2 <sup>nd</sup> year via lateral entry and separate division, if applicable) <b>Average SI</b> = mean of Success Index (SI) for past three batches			
7.	<b>Improvement in success rate with backlog for past three batches</b>	<b>SI</b> = (Number of students who graduated from the program in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and admitted in 2 <sup>nd</sup> year via lateral entry and separate division, if applicable) <b>Average SI</b> = mean of Success Index (SI) for past three batches	0.66	0.82	improved

S.No.	Parameters	Calculations	Prior to the Visit	After the visit	Remarks of the Evaluator (to be left blank)
8.	<b>Improvement in Academic Performance for the previous three years</b>	<b>Academic Performance</b> = Average API (Academic Performance Index) <b>API</b> = ((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 students in	7.00 (3 <sup>rd</sup> Year) 5.45 (2 <sup>nd</sup> year)	7.01 (3rd year) 5.99 (2nd year)	improved

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		Second Year/10) x (number of successful students/number of students appeared in the examination). Successful students are those who are permitted to proceed to the Third year.			
9.	The Placement +Higher Studies+ Entrepreneurship ratio averaged for previous three academic years.	<p><b>The Placement +Higher Studies+ Entrepreneurship Ratio = <math>Z/N</math></b></p> <p>Where,</p> <p>Z = No. of students Placed + No. of students admitted for higher studies with valid qualifying scores in GATE or equivalent State or National Level Tests , GRE, GMAT + opted Entrepreneurship</p> <p>N= No. of Students appeared in final year examination</p> <p><b>For the Academic years:</b></p> <p>CAYm3 (2020-21)</p> <p>CAYm2 (2021-22)</p> <p>CAYm1 (2022-23)</p> <p>Average =</p>	0.58	0.65	<p>Verified</p> <p>Avg. Placement = 65%</p>

*D. S. S.*

*(Signature)*

*P. A. M. E. I. C.*

**Compliance status – PART B (Faculty Research and Development)**

S.No.	Criteria	Prior to the Accreditation Visit	After the Accreditation Visit	Remarks of the Evaluator (to be left blank)
1	Improvement in the number of Faculty Development program (FDP)	15.59 (Average assessment)	19.47 (Average assessment)	improved
2	Improvement in the number of Publications	12	16 11 	Decrease
3	Quality of Publications	a. <u>No. of papers in</u> Non SCI - 71 SCI/ESCI - 0 SCOPUS - 12 IEEE conference/IET Conferences - 1 Books - 0 Book's chapter - 0 b. <u>Patent/ copyrights</u> Patent - 0 Copyrights - 0	a. <u>No. of papers in</u> Non SCI - 0 SCI/ESCI - 0 SCOPUS - 11 IEEE conference/IET Conferences - 0 Books - 0 Book's chapter - 0 b. <u>Patent/ copyrights</u> Patent - 2 (Published) Copyrights - 0	
4	Amount of funded research received	Rs 5,20,000	Rs 15,000	verified
5	Amount of funded consultancy	Rs 36,72,480	Rs 54,40,025	verified
6	Number of PhD. Produced	1	2	verified
7	Number of PhD. Pursuing	7	5	verified







## Compliance status – PART C (Overall Compliance)

S.No.	Parameter	Criteria	Observations				Remarks of the Evaluator (to be left blank)
			Cr.N.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)	
1	Observations on the overall compliance to the deficiencies mentioned by the previous visiting team	Criteria 1	1.3	A. Adequacy in respect of publication and dissemination	Not displayed in laboratories	Display boards are displayed in labs and faculty cabin.	Process improved
				B. Process of dissemination among stake holders	Not displayed in faculty cabins		
				C. Extent of awareness of Vision, Mission, & PEO'S among stake holders	Limited awareness among students	Awareness program conducted for students	
			1.4	A. Description of process for defining vision, Mission of the department	Process is defined	Stake holders are effectively included in process for defining the PEO'S of the program	Verified
				B. Description of process for defining the PEO'S of the program	Effective participation of stake holders is not observed		
			1.5	B. Consistency / justification of co-relation parameters of the above matrix	Co- relation is not appropriately justified	Co -relation is justified	Verified
		Criteria 2	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	Process is in place. Curricular gaps are not appropriately listed.	Appropriate gaps are identified in curriculum and listed	Verified

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			2.1.2	State the delivery details of the content beyond the syllabus for the attainment of POs & PSOs	Steps taken are not sufficient. Letter to university communicated in 2021.	To attain identified content beyond the syllabus invited talks are arranged by guest faculty and industrialists	Verified
			2.2.1	Describe the Process followed to improve quality of Teaching Learning	1. Encouragement to bright students is not observed. 2. Student feedback is taken but no significant action taken. 3. Limited industrial visits and feedbacks on industrial visits from students	1. The bright students are encouraged by providing financial assistance required for academic work and by engaging extra classes to score higher marks in the SEE. 2. Action taken for Feedback by providing appreciation letters and memos. 3. Measurable steps are initiated to conduct field visits and industrial visits for students.	Verified
			2.2.2	Quality of internal semester Question papers, assignments and Evaluation	Assignments are okay. However each student are getting out of marks just after submission of assignments. Assignment evaluation is not appropriate.	Marks are allotted through identified rubrics before finalising the marks.	Verified

*D. B. S.*

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			2.2.3	Quality of student projects	<p>1. Meritorious students are not getting opportunity to select his/her project guide as per choice.</p> <p>2. Quality of the project is reasonable good. Awards and publications are very less</p>	<p>1. Preference is given to students to opt their preferred guide within the discipline and also interdisciplinary projects are entertained.</p> <p>2. Students publications are improved.</p> <p>3. Awards are received by students as best Project.</p>	Verified
			2.2.4	Initiatives related to industry interaction	<p>1. Industry supported laboratories are absent</p> <p>2. Very limited in Industry involvement in the program design and partial delivery of any regular courses for students.</p> <p>3. Impact analysis in industrial training is not observed</p>	<p>1. The skill lab is established with the support of PMKVY in department which is Central Government Scheme.</p> <p>2. Since the institution is affiliated to VTU, the department follows the guidelines and curriculum designed by VTU.</p> <p>3. Impact analysis is prepared and feedback is received after making the students to undergo correlation based industrial training.</p>	Improved
			2.2.5	Initiatives related to industry internship/summer training	Limited feedback is obtained from students on initiatives	More Feedbacks are received from students after the internship. Action taken after feedback based on drawbacks mentioned in feedback by students	Verified

*Dr. S. S. S.*

*Dr. S. S. S.*

*(Signature)*

<b>Criteria 3</b>	3.2.2	Record the attainment of Course Outcomes of all courses with respect to set attainment levels	Large difference in weightage for internal and external marks given while setting the target.	Weightage is set as per the university guidelines since institution is affiliated to VTU.	Verified
	3.3.1	Describe assessment tools and processes used for assessing the attainment of each of the POs & PSOS	Tools are listed. Few tools are irrelevant.	Relevant tools are continued, and relevant changes are made in irrelevant tool.	Verified
	3.3.2	Provide results of evaluation of each PO & PSO	Mapping of COs and POs are based on contact hours spent on particular COs which is not appropriate.	CO-PO mapping is changed based on contact hours and is now based on course attainment justification given by course coordinator	Verified
<b>Criteria 4</b>	4.6	Professional Activities and Organizing events	1. Limited events organised 2. No Technical Magazine 3. Very limited participation outside state events and prizes/awards are very less	1. Number of Department events are increased. 2. The technical Magazine is prepared 3. The students participation certificates and awards winning in activities were increased.	Verified
<b>Criteria 5</b>	5.5	Innovations by the Faculty in Teaching and Learning	Limited innovation in teaching learning. All Work not available on website and critique	Enhanced teaching methods, integrated advanced technology, improved website accessibility, and regularly collected feedback.	Verified

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*Kamran*

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			5.7.3	Development activities	Product development and research laboratories not observed.	1. Established Research Laboratory 2. Faculty and Student Research Projects 3. Presented research outputs and product prototypes in exhibitions	Verified
			5.9	Visiting/Adjunct/Emeritus Faculty etc.	Not Available	Adjunct faculty is appointed	Verified
		Criteria 6	6.1	Adequate and well-equipped laboratories, and technical manpower	Supporting staff not sufficient for 120 student intake & not qualified	Qualified Supporting staff are appointed	Not improved
			6.2	Additional Facilities created for improving the quality of learning	Limited additional facilities created.	Additional facilities have created.	Few addition. facility create

*D. B. Shw*

*Samir*

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		Laboratories: Maintenance and overall ambience	Structure is old, ambience is not good.	1. Evaluated the state of the building, taking into account the age of the components, and carried out a comprehensive audit of the laboratory infrastructure to pinpoint areas in need of improvement. 2. To stop deterioration and guarantee the longevity of laboratory infrastructure and equipment, a timetable for routine inspections, repairs, and maintenance tasks was established 2. Upgrades to lighting, ventilation, and ergonomics were among the measures put into place to improve the atmosphere of laboratory spaces.	Verified
	6.3				
Criteria 7	7.1	Actions taken based on the results of the evaluation of each of the POs & PSOs	Documents are in place. The gaps identified are not appropriate, and a concrete plan of action is not observed	1. Identified the gap in each subject concerning POs 2. Actions are taken for each POs and PSOs	Verified
	7.2	Academic Audit and Actions Taken thereof during the Period of Assessment	Regular Academic audits are conducted. Actions taken are limited	Actions are taken on each observation	Verified
	7.3	Placement and Higher studies	Improvements are not observable		improvement observed

*Darshan*

*James*

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			7.4	Improvement in the quality of students admitted to the program	No Improvements observed in the quality of students	Efforts are made to improve the quality of students' admission 1. Conducted online entrance exam for PUC students to encourage students for admission 2. Orientation program for PUC students about the importance of Engineering	Not improved
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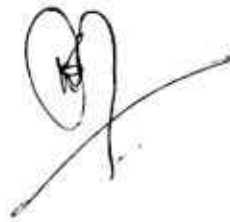
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## Compliance status to Compliance Report-Tier II Institutions

S.N.	Pre Visit Qualifiers (Average of Assessment years)	Requirement for 3 years	YES/NO	Requirement for 6 years	YES/NO
1	Admissions in the undergraduate programs under consideration including students admitted through lateral entry (average of the previous three academic years CAYm1, CAYm2 and CAYm3)	50%	YES	75%	NO
		Aug. 2	admission 59.72%		
2	Faculty student ratio in the department under consideration (Averaged over previous three academic years including Current Academic Year.)	1:25	YES	1:20	NO
		SPR =	22.17		
3	At least one Professor or one Associate Professor on regular basis with Ph.D. degree should be available in the respective Department during previous two academic years including current academic year.	YES	YES	At least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree should be available in the respective Department for previous two years (including Current Academic Year).	YES
4	Number of available Ph.Ds. in the department (Averaged for previous two academic years including Current Academic Year.)	10%	YES	30%	NO
5	Whether HODs possess Ph.D. degrees for the programs under consideration	NA	YES	YES	YES

  
 Dr. B. S. Bhullar



(Dr. KAUSHIKUMAR  
M. PATEL)

  
 (TRAMESH)