



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

## INTERNAL QUALITY ASSURANCE CELL

### ACADEMIC AND ADMINISTRATIVE AUDIT REPORT – INTERNAL

ACADEMIC YEAR 2018-19

27.02.2019 & 28.02.2019

S. No.	Parameter	Verification Yes/No	Observations / Suggestions
<b>Curricular Aspects</b>			
1	Is curriculum in line with local/national/regional/global needs and with PO, PSO	Yes	
2	Is the curriculum focus on employability / skill development/ entrepreneurship	Yes	<ul style="list-style-type: none"><li>The curriculum has components with special focus on employability, entrepreneurship. Capstone projects, Domain specific elective courses and internships (456 courses focuses on the above)</li></ul>
3	Is new course introduced and syllabus periodically updated	Yes	<ul style="list-style-type: none"><li>76 new courses introduced.</li></ul>
4	Is CBCS / elective system implemented	Yes	<ul style="list-style-type: none"><li>Implemented in 23 programmes</li><li>222 courses are offered as CBCS</li></ul>
5	Whether the issues of Environment and Sustainability, Gender, Human Values and Professional Ethics addressed by courses	Yes	<ul style="list-style-type: none"><li>Courses on Environmental Science and Principles of Management and Professional Ethics are in curriculum</li><li>Course on Human values is not yet introduced in the curriculum</li><li>Activities are conducted for promotion of universal Values and Ethics</li></ul>

6	Is value added course/ field projects /research projects/ internships introduced and students enrolled	Yes	<ul style="list-style-type: none"> <li>• 72 value added courses</li> <li>• Internships are mandatory and carry credits.</li> </ul>
7	Is Stakeholder feedback taken for the design and review of syllabus and action taken	Yes	<ul style="list-style-type: none"> <li>• Curriculum formulation / revision are based on the inputs and feedback from students, faculty, Industrial experts, Alumni and employers. Verified BoS minutes.</li> </ul>
<b>Teaching, Learning and Evaluation</b>			
8	Is measures taken for supporting advanced learners and slow learners?	Yes	<p>Supporting system for Advanced Learners/ Slow learners – Proof Verified</p> <ul style="list-style-type: none"> <li>• Merit Scholarship</li> <li>• Student's publications</li> <li>• Participation in technical / non technical events / club activities / student chapters</li> <li>• Special classes for slow learners</li> <li>• Constant monitoring of attendance, performance and counseling encouraging for slow learners.</li> </ul>
9	Student – Full time teacher ratio		1:20
10	Is student centric method used for enhancing learning experiences?	Yes	<ul style="list-style-type: none"> <li>• Workshop organized on understanding student centric policies and implementation</li> <li>• Field Projects for experiential and participative learning.</li> <li>• Audio- Visual methodology</li> <li>• Ability Enhancement and Skill Enhancement courses</li> <li>• Project based learning approach</li> <li>• Flipped classroom</li> <li>• Case studies</li> <li>• Addressing complex engineering real time problems</li> <li>• Discussions and debates</li> </ul>
11	Is ICT enabled Teaching / Examination / evaluation practiced?	Yes	<ul style="list-style-type: none"> <li>• 120 ICT enabled classrooms</li> <li>• E-resources are used in teaching learning</li> </ul>

12	Number of full-time teachers with Ph.D		<ul style="list-style-type: none"> <li>• 390</li> </ul>
13	Number of teachers who received awards and recognitions	Yes	<ul style="list-style-type: none"> <li>• 115 awards / recognitions received by faculty.</li> </ul>
14	Is grievances related to teaching - learning / examination / evaluation / facilities addressed?	Yes	<ul style="list-style-type: none"> <li>• 33 general student's grievances and 0.22 % of student's grievances about evaluation are redressed by Student's Grievance cell.</li> </ul>
15	Availability /Dissemination /Attainment of POs, PSOs, Cos	Yes	<ul style="list-style-type: none"> <li>• The COs, POs, PSOs are disseminated to all stakeholders through notice boards, circulars, website, newsletters, Record books, E mail subject attachments etc.</li> <li>• The attainment of Pos, PSOs and COs are evaluated.</li> </ul>
18	Average Pass Percentage	Yes	<ul style="list-style-type: none"> <li>• 85.76 %</li> </ul>
19	Is Student satisfaction survey (SSS) taken on teaching learning process ?	Yes	<ul style="list-style-type: none"> <li>• <a href="http://cloudportal.sathyabama.ac.in/igac_feedback/login.php">http://cloudportal.sathyabama.ac.in/igac_feedback/login.php</a></li> <li>• Corrective actions are immediately initiated and effectiveness of the corrective action are reviewed by the HoD's / Deans.</li> </ul>

### Research and Development

20	Is Seed Money received for research?	Yes	
21	Is national/ international fellowship received/ financial support for advanced studies/ research/ innovation and incentives provided by the institution?	Yes	<p>Fellowships received by researchers:</p> <ul style="list-style-type: none"> <li>• From Ministry of Taiwan</li> <li>• Indo-US Purdue Partnership Programme DST-SERB OVDF</li> <li>• Research Internship TEEP-ASIA</li> <li>• Senior Post Doctoral Fellow, National Institute of Health</li> <li>• Korean Research Fellowship (KRF), National Research Federation of Korea</li> <li>• SCOPE Scholarship - Seoul World Obesity Federation and Kuwait World Obesity Federation</li> <li>• Visiting Doctoral Programme - Swedish Research Council</li> </ul>



			<ul style="list-style-type: none"> <li>• Mevlana Exchange Programme - Turkey Higher Education Council</li> <li>• Erasmus Plus Programme - European Union</li> <li>• Financial support provided for faculty exchange programme.</li> <li>• Faculty have visited universities abroad under faculty exchange programme.</li> </ul>
22	Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled	Yes	<ul style="list-style-type: none"> <li>• 20 JRF , 2 SRF, 2 PDF</li> </ul>
23	Is Extramural funding for Research /by Govt/ / Non-govt. agencies/Fund for organizing seminars and conferences received?	Yes	<ul style="list-style-type: none"> <li>• 56 new projects worth around</li> <li>• 6.77 crores have been sanctioned</li> <li>• 2 funded programmes organized</li> <li>• Funding agencies – MHRD, MoES, DST, AICTE, DBT, ISRO, DRDO, DBT, ICMR, UBA, TBI, MoES, ICAR-NICRA/Govt. of India, Hyderabad, HRDG CSIR, ICMR.</li> </ul>
27	Eco system for innovations including Incubation centre and other initiatives	Yes	<ul style="list-style-type: none"> <li>• TBI incubates – 3 sponsored from DST</li> </ul>
28	Is workshops/seminars conducted on Research methodology, IPR, entrepreneurship, skill development	Yes	<ul style="list-style-type: none"> <li>• 149 programs organized</li> </ul>
29	Patents published/awarded		<ul style="list-style-type: none"> <li>• Granted – 32</li> <li>• Published – 05</li> <li>• Filed – 22</li> </ul>
30	Research papers / books and chapters / e-content / Citation Index/ h-index		<ul style="list-style-type: none"> <li>- 881 publications in Scopus and UGC notified journals</li> <li>- Highest impact factor is 6.0176</li> <li>- 02 books published by faculty from Physics department</li> <li>• 218 Book chapters.</li> </ul>
31	Extension activities in the neighbourhood community / awards received / programs conducted/ students participated	Yes	<ul style="list-style-type: none"> <li>• 56 Outreach/Awareness Programmes organized.</li> <li>• Awards and recognition received from Indian red cross society, NCC</li> </ul>
32	Collaborative activities/functional MoUs	Yes	<ul style="list-style-type: none"> <li>• 47 Collaborative MoU's with Industries and Universities at National (23) and International Level (24).</li> <li>• 24 student and faculty exchange programs</li> <li>• 8 research collaborations</li> </ul>


			• Industry Internships mandatory for students
33	Awards and Recognitions	Yes	<ul style="list-style-type: none"> <li>• Awards received by students in sports and cultural activities both in intra and inter collegiate level.</li> <li>• 106 Faculty have received awards / recognised by national / international agencies such as Unnat Bharat Abhiyan - MHRD-AICTE, NPTEL,SEEE,UCSI- Malaysia</li> <li>• Nobel Research Award by International Journal for Research Under Literal Access</li> <li>• Innovative Research and Dedicated Teaching Professional Award- Innovative Scientific Research Professional, Malaysia, , National University of Singapore (NUS), Singapore etc</li> </ul>
<b>Infrastructure</b>			
33	Facilities for smart class rooms / virtual rooms / conference rooms / furnished staff cabin / New laboratories	Yes	
34	ICT - enabled facilities	Yes	<ul style="list-style-type: none"> <li>• 120 class rooms with ICT facilities</li> </ul>
35	Student - Computer ratio / available bandwidth of internet	Yes	<ul style="list-style-type: none"> <li>• 3:1</li> <li>• 100 MBPS – BSNL and 330 MBPS - Jio</li> </ul>
36	Facilities for e-content development	Yes	<ul style="list-style-type: none"> <li>• Sathyabama Media centre - Department of Visual communication</li> <li>• 67 Videos in Sathyabama You Tube channel</li> <li>• 11 Course modules in Swayam and LMS platform.</li> </ul>
37	Budget allocation	Yes	
<b>Student Support and Progression</b>			
38	Students benefited by scholarships / career counselling/ guidance for competitive examinations	Yes	<ul style="list-style-type: none"> <li>• No. of students benefitted with Scholarships – 437</li> <li>• Career counseling – 1843</li> </ul>
39	Capacity development and skills enhancement initiatives	Yes	<ul style="list-style-type: none"> <li>• Capacity development and skills enhancement – 181</li> </ul>
40	Redressal of student grievances / ragging / Sexual harassment	Yes	<ul style="list-style-type: none"> <li>• Fully functional student grievance cell , students help desk , Anti ragging cell</li> </ul>

41	Students qualifying in state/ national/ international level examinations	Yes	<ul style="list-style-type: none"> <li>No. of students -561; GATE-09, GRE-111, IELTS-432, TOEFEL-6, GMAT-02, and 432 other examinations</li> </ul>
42	Placement of outgoing students/ progressed to higher education/Capability enhancement programs for Placement	Yes	<ul style="list-style-type: none"> <li>1454 students have been placed</li> <li>13 training programs from placement cell.</li> <li>Capability enhancement programs from departments – 23</li> <li>progressed to higher education – 561</li> <li>24 Student exchange programs</li> </ul>
43	Awards won by students for outstanding performance in sports/cultural activities	Yes	<ul style="list-style-type: none"> <li>135 awards</li> </ul>
44	Presence of Student Council and its activities / Representation of students on Academic and administration activities	Yes	<ul style="list-style-type: none"> <li>21 SDC clubs</li> <li>NSS, NCC, YRC</li> </ul>
45	Sports and cultural events / competitions organized	Yes	<ul style="list-style-type: none"> <li>No. of events - 39</li> </ul>
46	Registered and functional alumni association*/ alumni contribution	Yes	<ul style="list-style-type: none"> <li>Fully functional alumni association. Reg. No.- 33256</li> <li>Alumni contribution – Curriculum design and updation, Guest talks and skill development programs on recent Industrial technologies, Guidance talks on placement, higher studies, entrepreneurship and start ups.</li> </ul>
<b>Governance, Leadership and Management</b>			
47	Is Statutory committee meetings held periodically *	Yes	<ul style="list-style-type: none"> <li>IQAC meetings – 4 / year</li> <li>Board of studies – 2 / Year</li> <li>Board of Management – 4 / year</li> <li>Academic Council – 3 / year</li> <li>Finance committee – 2 / year</li> <li>Planning and Monitoring committee – 1 / year</li> <li>Purchase committee – 2 / year</li> </ul>
49	Is e-governance implemented? *	Yes	<ul style="list-style-type: none"> <li>Institute website</li> <li>Library management system</li> <li>Online fee payment portal.</li> <li>Online admission counseling</li> </ul>
	Performance appraisal system, promotional avenues	Yes	<ul style="list-style-type: none"> <li>Measured based on faculty's self appraisal form</li> </ul>
50	Faculty and staff effective welfare measures *	Yes	<ul style="list-style-type: none"> <li>Tuition fee concession for wards of teaching and non teaching Faculty</li> </ul>




			<ul style="list-style-type: none"> <li>• Cash award for wards of faculty with high scores in the qualifying examinations</li> <li>• Paid sabbatical leave and maternity leave</li> <li>• Children day care facility / 15 days Summer camp</li> <li>• Annual master health check up / dental cleaning / medical leave / /Medical insurance / Compensation to deceased employee.</li> </ul>
51	Financial support to attend conferences / workshops and membership fee of professional bodies	Yes	<ul style="list-style-type: none"> <li>• Registration fee / travel fee for attending conference / FDP / Journal publications / membership fee are sanctioned as per the work tenure period.</li> </ul>
52	Professional development / administrative training Programmes organized / attended	Yes	<ul style="list-style-type: none"> <li>• 09 Programs organized</li> <li>• 297 Programs attended by faculty</li> </ul>
53	Grants received for development and maintenance of infrastructure from govt./ non-govt. bodies	Yes	
54	Internal and external financial audits *	Yes	Financial audit – Once / year
56	Revenue generated from consultancy	Yes	<ul style="list-style-type: none"> <li>• Offers consultancy services to 16 agencies from the departments of CSE, IT, Mech and Automobile</li> <li>• revenue generated from consultancy -Rs.13,72,000</li> <li>• revenue generated from corporate training – Rs.1,84,000</li> </ul>
59	Facilities for / cultural activities, yoga and sports *	Yes	<ul style="list-style-type: none"> <li>• Indoor Basketball Stadium</li> <li>• Play grounds / Cricket ground</li> <li>• Separate GYM for Boys &amp; Girls</li> <li>• Yoga centre in hostel</li> </ul>
60	Hostel facility / guest room facility / Secured Campus*	Yes	<ul style="list-style-type: none"> <li>• Boys Hostel – 03</li> <li>• Girls Hostel – 03</li> </ul>
62	Infrastructure augmentation*	Yes	<ul style="list-style-type: none"> <li>• Establishment of New / upgraded research facilities in Jeppiaar research park and IRC</li> <li>• Purchase of new equipments</li> </ul>
63	Innovation and Start up cell*	Yes	<ul style="list-style-type: none"> <li>• 44 Awards for Innovation won by Institution / faculty /research scholar / students</li> <li>• 2 start ups from TBI</li> </ul>

			sponsored by DST-NSTDEB
64	Research Facilities	Yes	<ul style="list-style-type: none"> <li>• 2 Research parks with 14 research centres.</li> </ul>
65	Is library automated using ILMS / has digitization facility / subscription for e-Library resources/	Yes	<ul style="list-style-type: none"> <li>• ILMS available (Autolib)</li> <li>• Knimbus provides remote access to all the e-resources in the library</li> </ul>
<b>Institutional Values and Best Practices</b>			
74	Promotion of gender equity	Yes	
75	Is facilities available for alternate sources of energy/ energy and water conservation/ management of degradable and non-degradable waste /e-waste management*	Yes	
76	Green campus initiatives /audits on environment and energy/ disabled-friendly / Rainwater harvesting*	Yes	<ul style="list-style-type: none"> <li>• Tree Plantation by exit graduates</li> <li>• Rainwater harvesting facility is built.</li> <li>• 4 Battery operated vehicles</li> </ul>
77	Efforts/initiatives in providing an inclusive environment *	Yes	<ul style="list-style-type: none"> <li>• Physical, geographical, cultural and social diversity among both student and Faculty</li> <li>• In certain programmes, students with physical disabilities, diverse social background and acid victims are admitted,</li> </ul>
79	National and international commemorative days, events and festivals	Yes	<ul style="list-style-type: none"> <li>• Faculties are awarded for research and publications on Teachers day.</li> </ul>
80	Best practices	Yes	<ul style="list-style-type: none"> <li>• 24 x 7 psychological counselling preserving the mental health of staff and students</li> <li>• Faculty are awarded with cash prize for publications in High Impact factor Journals.</li> <li>• Paperless administration</li> <li>• Village adoption and School adoption schemes</li> <li>• Technological solutions provided to villages through UBA schemes.</li> <li>• Semester abroad / faculty exchange programmes</li> <li>• Research efforts are directed towards sustainable development goals</li> <li>• Adopting "Swachha Bharat Abihyan".</li> </ul>

  
(Dr. M. S. Godwin Prasad)



  
(Dr. J. JAYAPRAKASH)





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## INTERNAL QUALITY ASSURANCE CELL

### ACADEMIC AND ADMINISTRATIVE AUDIT REPORT – EXTERNAL

ACADEMIC YEAR 2018-19

06.04.2019

S. No.	Parameter	Verification Yes/No	Observations / Suggestions
<b>Curricular Aspects</b>			
1	Is curriculum in line with local/national/regional/global needs and with PO, PSO	Yes	
2	Is the curriculum focus on employability / skill development/ entrepreneurship	Yes	<ul style="list-style-type: none"><li>• Verified curriculum components</li></ul>
3	Is new course introduced and syllabus periodically updated	Yes	<ul style="list-style-type: none"><li>• Verified BoS documents</li></ul>
4	Is CBCS / elective system implemented	Yes	<ul style="list-style-type: none"><li>• Verified curriculum</li></ul>
5	Whether the issues of Environment and Sustainability, Gender, Human Values and Professional Ethics addressed by courses	Yes	
6	Is value added course/ field projects /research projects/ internships introduced and students enrolled	Yes	
7	Is Stakeholder feedback taken for the design and review of syllabus and action taken	Yes	<ul style="list-style-type: none"><li>• Verified minutes of board of studies.</li></ul>
<b>Teaching, Learning and Evaluation</b>			
8	Is measures taken for supporting advanced learners and slow learners?	Yes	
9	Student – Full time teacher ratio	Satisfied	1:20
10	Is student centric method used for enhancing learning experiences?	Yes	
11	Is ICT enabled Teaching / Examination / evaluation practiced?	Yes	
12	Number of full-time teachers with Ph.D		<ul style="list-style-type: none"><li>• 260</li></ul>
13	Number of teachers who received awards and	Yes	<ul style="list-style-type: none"><li>• 115</li></ul>

	recognitions		
14	Is grievances related to teaching - learning / examination / evaluation / facilities addressed?	Yes	
15	Availability /Dissemination /Attainment of POs, PSOs, Cos	Yes	<ul style="list-style-type: none"> <li>• Available on notice boards, and website</li> <li>• The evaluation of Pos, PSOs and COs attainment are verified</li> </ul>
18	Average Pass Percentage	Yes	<ul style="list-style-type: none"> <li>• 85.76 %</li> </ul>
19	Is Student satisfaction survey (SSS) taken on teaching learning process ?	Yes	<ul style="list-style-type: none"> <li>• Verified SSS link <a href="http://cloudportal.sathyabama.ac.in/iqac_feedback/login.php">http://cloudportal.sathyabama.ac.in/iqac_feedback/login.php</a></li> </ul>
<b>Research and Development</b>			
20	Is Seed Money received for research?	Yes	
21	Is national/ international fellowship received/ financial support for advanced studies/ research/ innovation and incentives provided by the institution?	Yes	<p>Fellowships received by researchers:</p> <ul style="list-style-type: none"> <li>• From Ministry of Taiwan, DST-SERB OVDF, TEEP-ASIA, National Research Federation of Korea, National Institute of Health, Seoul and Kuwait World Obesity Federation, Swedish Research Council, Turkey Higher Education Council, European Union.</li> </ul>
22	Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled	Yes	<ul style="list-style-type: none"> <li>• 20 JRF , 2 SRF, 2 PDF</li> </ul>
23	Is Extramural funding for Research /by Govt/ / Non-govt. agencies/Fund for organizing seminars and conferences received?	Yes	<ul style="list-style-type: none"> <li>• 56 projects - 6.8 crores from MHRD, MoES, DST, AICTE, DBT, ISRO, DRDO, DBT, ICMR, UBA, TBI, MoES, ICAR-NICRA/Govt. of India, Hyderabad, HRDG CSIR, ICMR.</li> </ul>
27	Eco system for innovations including Incubation centre and other initiatives	Yes	<ul style="list-style-type: none"> <li>• 3 TBI incubates sponsored by DST</li> </ul>
28	Is workshops/seminars conducted on Research methodology, IPR, entrepreneurship, skill development	Yes	<ul style="list-style-type: none"> <li>• 149 programs organized</li> </ul>
29	Patents published/awarded		<ul style="list-style-type: none"> <li>• Granted – 32</li> <li>• Published – 05</li> <li>• Filed – 22</li> </ul>
30	Research papers / books and chapters / e-content / Citation Index/ h-index		<ul style="list-style-type: none"> <li>• 218 Book chapters.</li> <li>• 02 books</li> </ul>



			<ul style="list-style-type: none"> <li>• 881 publications</li> <li>• Highest impact factor is 6.0176</li> </ul>
31	Extension activities in the neighbourhood community / awards received / programs conducted/ students participated	Yes	<ul style="list-style-type: none"> <li>• 56 Outreach Programmes organized and awarded from Indian red cross society, NCC</li> </ul>
32	Collaborative activities/functional MoUs	Yes	<ul style="list-style-type: none"> <li>• 23 National and 24 International Collaborative MoU's</li> <li>• student and faculty exchange programs - 24</li> <li>• research collaborations - 24</li> </ul>
33	Awards and Recognitions	Yes	Faculty awards - 106
<b>Infrastructure</b>			
33	Facilities for smart class rooms / virtual rooms / conference rooms / furnished staff cabin / New laboratories	Yes	
34	ICT - enabled facilities	Yes	<ul style="list-style-type: none"> <li>• class rooms / smart class/ conference halls / auditoriums with ICT facilities</li> </ul>
35	Student - Computer ratio / available bandwidth of internet	Yes	<ul style="list-style-type: none"> <li>• 3:1</li> <li>• 100 MBPS – BSNL and 330 MBPS - Jio</li> </ul>
36	Facilities for e-content development	Yes	<ul style="list-style-type: none"> <li>• Verified Sathyabama You Tube channel and course modules</li> </ul>
37	Budget allocation	Yes	
<b>Student Support and Progression</b>			
38	Students benefited by scholarships / career counselling/ guidance for competitive examinations	Yes	<ul style="list-style-type: none"> <li>• Dr. JeppiaarRemibai Merit Scholarship – 385 students benefitted</li> <li>• Career counseling – 1843</li> </ul>
39	Capacity development and skills enhancement initiatives	Yes	<ul style="list-style-type: none"> <li>• 181 programmes</li> </ul>
40	Redressal of student grievances / ragging / Sexual harassment	Yes	
41	Students qualifying in state/ national/ international level examinations	Yes	<ul style="list-style-type: none"> <li>• Verified Students advisory bureau records</li> </ul>
42	Placement of outgoing students/ progressed to higher education/Capability enhancement programs for Placement	Yes	<ul style="list-style-type: none"> <li>• No.of placed students - 1454</li> <li>• No.of students progressed to higher education – 561</li> <li>• training / Capability enhancement programs – 36</li> </ul>
43	Awards won by students for outstanding performance in sports/cultural activities	Yes	<ul style="list-style-type: none"> <li>• 135 awards</li> </ul>
44	Presence of Student Council and its activities / Representation of students on Academic and	Yes	<ul style="list-style-type: none"> <li>• Student development clubs, NSS, NCC, YRC</li> </ul>




	administration activities		
45	Sports and cultural events / competitions organized	Yes	<ul style="list-style-type: none"> <li>No. of events - 39</li> </ul>
46	Registered and functional alumni association*/ alumni contribution	Yes	<ul style="list-style-type: none"> <li>Reg. No of alumni association. 33256</li> </ul>
<b>Governance, Leadership and Management</b>			
47	Is Statutory committee meetings held periodically *	Yes	<ul style="list-style-type: none"> <li>IQAC meetings – 4 / year</li> <li>Board of studies – 2 / Year</li> <li>Board of Management – 4 / year</li> <li>Academic Council – 3 / year</li> <li>Finance committee – 2 / year</li> <li>Planning and Monitoring committee – 1 / year</li> <li>Purchase committee – 2 / year</li> </ul>
49	Is e-governance implemented? *	Yes	<ul style="list-style-type: none"> <li>Verified Institute website , Library management system</li> </ul>
	Performance appraisal system, promotional avenues	Yes	<ul style="list-style-type: none"> <li>Faculty's self appraisal</li> </ul>
50	Faculty and staff effective welfare measures *	Yes	
51	Financial support to attend conferences / workshops and membership fee of professional bodies	Yes	<ul style="list-style-type: none"> <li>Registration fee / travel allowance / FDP / Journal publications / membership fee are sanctioned as per the work tenure period.</li> </ul>
52	Professional development / administrative training Programmes organized / attended	Yes	<ul style="list-style-type: none"> <li>09 Programs organized</li> <li>297 Programs attended by faculty</li> </ul>
53	Grants received for development and maintenance of infrastructure from govt./ non-govt. bodies	Yes	
54	Internal and external financial audits *	Yes	Financial audit – Once / year
56	Revenue generated from consultancy	Yes	<ul style="list-style-type: none"> <li>Offers consultancy services to 16 agencies from the departments of CSE, IT, Mech and Automobile</li> <li>revenue generated from consultancy -Rs.13,72,000</li> <li>revenue generated from corporate training – Rs.1,84,000</li> </ul>
59	Facilities for / cultural activities, yoga and sports *	Yes	<ul style="list-style-type: none"> <li>Indoor Basketball Stadium</li> <li>Play grounds / Cricket ground</li> <li>Separate GYM for Boys &amp; Girls</li> <li>Yoga centre in hostel</li> </ul>
60	Hostel facility / guest room facility / Secured Campus*	Yes	<ul style="list-style-type: none"> <li>Boys Hostel – 03</li> <li>Girls Hostel – 03</li> </ul>


62	Infrastructure augmentation*	Yes	<ul style="list-style-type: none"> <li>Establishment of New / upgraded research facilities in Jeppiaar research park and IRC</li> <li>Purchase of new equipments</li> </ul>
63	Innovation and Start up cell*	Yes	<ul style="list-style-type: none"> <li>44 Awards for Innovation won by Institution / faculty /research scholar / students</li> <li>2 start ups from TBI sponsored by DST-NSTDEB</li> </ul>
64	Research Facilities	Yes	<ul style="list-style-type: none"> <li>2 Research parks with 14 research centres.</li> </ul>
65	Is library automated using ILMS / has digitization facility / subscription for e-Library resources/	Yes	<ul style="list-style-type: none"> <li>ILMS available (Autolib)</li> <li>Knimbus provides remote access to all the e-resources in the library</li> </ul>
<b>Institutional Values and Best Practices</b>			
74	Promotion of gender equity	Yes	
75	Is facilities available for alternate sources of energy/ energy and water conservation/ management of degradable and non-degradable waste /e-waste management*	Yes	
76	Green campus initiatives /audits on environment and energy/ disabled-friendly / Rainwater harvesting*	Yes	<ul style="list-style-type: none"> <li>Tree Plantation by exit graduates</li> <li>Rainwater harvesting facility is built.</li> <li>4 Battery operated vehicles</li> </ul>
77	Efforts/initiatives in providing an inclusive environment *	Yes	<ul style="list-style-type: none"> <li>Physical, geographical, cultural and social diversity among both student and Faculty</li> <li>In certain programmes, students with physical disabilities, diver social background and acid victims are admitted,</li> </ul>
79	National and international commemorative days, events and festivals	Yes	<ul style="list-style-type: none"> <li>Faculties are awarded for research and publications on Teachers day.</li> </ul>
80	Best practices	Yes	<ul style="list-style-type: none"> <li>24 x 7 psycological counselling preserving the mental health of staff and students</li> <li>Faculty are awarded with cash prize for publications in High Impact factor Journals.</li> <li>Paperless administration</li> <li>Village adoption and School adoption schemes</li> <li>Technological solutions provided to villages through</li> </ul>

			UBA schemes. <ul style="list-style-type: none"> <li>• Semester abroad / faculty exchange programmes</li> <li>• Research efforts are directed towards sustainable development goals</li> <li>• Adopting "Swachha Bharat Abhiyan".</li> </ul>
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**Suggestions :**

- To revise department's vision and mission in line with Institute's vision and mission.
- To improve collaborative publications
- To increase internet bandwidth speed
- To increase full time research scholars
- To introduce a course on publication ethics
- To encourage students on product development with the innovative ideas
- To increase alternate sources of energy
- To introduce Industry 4.0 course in the curriculum

  
 (Dr. P. Thirumal)  
 Prof. Dept of Mech Engey  
 GICE, Bangalore.

  
 (Dr. Shanmuganantham)  
 Asso. Prof, Electrical Engey  
 Pondicherry University

