



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)



Accredited with "A" grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119, Tamilnadu, India.

INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT – INTERNAL

ACADEMIC YEAR 2017-18

28.4.2018

| S. No. | Parameter | Verification Yes/No | Observations / Suggestions |
|---------------------------|--|---------------------|---|
| Curricular Aspects | | | |
| 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">The curriculum has components with special focus on employability, entrepreneurship. (200 courses focuses on the above) |
| 3 | Is new course introduced and syllabus periodically updated | Yes | <ul style="list-style-type: none">62 new courses introduced. |
| 4 | Is CBCS / elective system implemented | Yes | <ul style="list-style-type: none">Implemented in 21 programmes |
| 5 | Whether the issues of Environment and Sustainability, Gender, HumanValues and Professional Ethics addressed by courses | Yes | <ul style="list-style-type: none">Courses on Environmental Science and Principles of Management and Professional Ethics are in curriculum |
| 6 | Is value added course/ field projects /research projects/ internships introduced and students enrolled | Yes | <ul style="list-style-type: none">Internships are mandatory and carry credits.52 value added coursesVery low Number of field / Industrial projects. |
| 7 | Is Stakeholder feedback taken for the design and review of syllabus and action taken | Yes | <ul style="list-style-type: none">Design and review of syllabus are based on the inputs and feedback from all stakeholders – Students , Teachers, Employers, Alumni and Parents |

Teaching, Learning and Evaluation

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| 8 | Is measures taken for supporting advanced learners and slow learners? | Yes | Supporting system for Advanced Learners/ Slow learners is existing <ul style="list-style-type: none"> • Student's publications • Merit Scholarship • Participation in technical / non technical events / club activities / student chapters • Special classes for slow learners • Constant monitoring of attendance, performance and counseling encouraging for slow learners. |
| 9 | Student – Full time teacher ratio | | 1:15 |
| 10 | Is student centric method used for enhancing learning experiences? | Yes | <ul style="list-style-type: none"> • Project based learning approach • Flipped classroom • Case studies • Addressing complex engineering real time problems • Discussions and debates • Audio- Visual methodology, Field Work and Projects are some of the means utilized to provide experiential and participative learning. • Ability Enhancement, Generic and Skill Enhancement courses |
| 11 | Is ICT enabled Teaching / Examination / evaluation practiced? | Yes | <ul style="list-style-type: none"> • Sathyabama Moodle LMS for teaching – learning |
| 12 | Number of full-time teachers with Ph.D | | <ul style="list-style-type: none"> • 362 |
| 13 | Number of teachers who received awards and recognitions | Yes | <ul style="list-style-type: none"> • 40 faculty have received awards • Faculty received Nobel Researcher Award by International Journal for Research Under Literal Access, Best reviewer awards, Fellowships, Gold medals in NPTEL. |
| 14 | Is grievances related to teaching - learning / examination / evaluation / facilities addressed? | Yes | <ul style="list-style-type: none"> • Based on the feedback on teaching / issues on the examination and evaluation, |

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| | | | are addressed and the corrective actions are taken. |
| 15 | Availability /Dissemination /Attainment of POs, PSOs, Cos | Yes | <ul style="list-style-type: none"> The COs, POs, PSOs and attainment are available and disseminated in notice boards, circulars, website, newsletters, etc. |
| 18 | Average Pass Percentage | Yes | <ul style="list-style-type: none"> 92.4% |
| 19 | Is Student satisfaction survey (SSS) taken on teaching learning process / action taken? | Yes | <ul style="list-style-type: none"> Every year, Student Satisfaction Survey is taken from the Students. Questionnaire is in adherence to that of NAAC Student Satisfaction Survey (2.7.1). |
| Research and Development | | | |
| 20 | Is Seed Money received for research? | Yes | <ul style="list-style-type: none"> Seed money (INR 50000 to 300000) is granted to staff members for their entrepreneurial venture and research. |
| 21 | Is national/ international fellowship received/ financial support for advanced studies/ research/ innovation and incentives provided by the institution? | Yes | <ul style="list-style-type: none"> 40 Fellowships received by Scientists and Faculties which including University of Nebraska Korean Research Fellowship (KRF) South Korea, DST-SERB,(OVDF), Long Term ICMR-DHR, European Union, National Tsing Hua University, Taiwan, Lund University, Sweden etc., |
| 22 | Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled | | <ul style="list-style-type: none"> No. enrolled - 24 |
| 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"> 85 new projects worth 3.14 crores have been sanctioned Totally 91 ongoing projects. |
| 27 | Eco system for innovations including Incubation centre and other initiatives | Yes | <ul style="list-style-type: none"> 87 Worksops/seminars on Eco system are conducted |
| 28 | Is workshops/seminars conducted on Research methodology, IPR, entrepreneurship, skill development | Yes | Totally 88workshops/seminars conducted on Research methodology, IPR, entrepreneurship, skill development |
| 29 | Patents published/awarded | | <ul style="list-style-type: none"> Granted – Nil Published –13 |

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| | | | <ul style="list-style-type: none"> • Filed – 25 |
| 30 | Research papers / books and chapters / e-content / Citation Index/ h-index | | <ul style="list-style-type: none"> - Total number - 298 High Impact factor publications - 104 Book/Book chapters. |
| | Number of publications per teacher | | |
| 31 | Extension activities in the neighbourhood community / awards received / programs conducted/ students participated | Yes | <ul style="list-style-type: none"> • 21 Outreach/Awareness Programmes conducted by NCC, NSS and YRC Clubs. • 27 Staff and 1949 Students involved. |
| 32 | Collaborative activities/functional MoUs | Yes | <ul style="list-style-type: none"> • 13 MoUs with international Universities, 13 MoUs with National Industries signed and 2 MoUs with National Health Centers are signed. • Organized joint International Conferences, Staff student exchange programs, Workshops and Medical Camps are organised. |
| | Awards and Recognitions | Yes | <p>42 Awards and Recognitions includes</p> <ul style="list-style-type: none"> • Elected as fellow of Academy of sciences, • Young Achiever Award from Institute for exploring Advances in engineering Nobel Researcher Award by International Journal for Research Under Literal Access. • Nobel Researcher Award by International Journal for Research Under Literal Access. • Innovative Reseacher and Dedicated Teaching Professional , Universiti Teknologi MARA • "Overseas Research Fellowship (ORF) from Materials Division, National University of Singapore (NUS), Singapore." |
| Infrastructure | | | |
| 33 | Facilities for smart class rooms / virtual rooms / conference rooms / furnished staff cabin / New laboratories | Yes | <p>New laboratories:</p> <ul style="list-style-type: none"> • Smart class rooms – 23 • Virtual rooms – 15 • Conference rooms – 5 • Furnished faculty cabin - 120 |

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| 34 | ICT - enabled facilities | Yes | <ul style="list-style-type: none"> • 110 class rooms with ICT facilities |
| 35 | Student - Computer ratio / available bandwidth of internet | Yes | <ul style="list-style-type: none"> • 3:1 • 500 MBPS/ GBPS |
| 36 | Facilities for e-content development | Yes | <ul style="list-style-type: none"> • The Video lectures are uploaded in the Sathyabama Learning Management system for the students. The lectures are also available in the official Youtube Channel of the Institution. The Centre is supported with advanced Hardware and Softwares tools. |
| 37 | Budget allocation | Yes | <ul style="list-style-type: none"> • Assigned budget on Academic/Physical facilities is - Rs.90,000,000 and Rs. 87463,,000 is utilized. |
| Student Support and Progression | | | |
| 38 | Students benefited by scholarships / career counselling/ guidance for competitive examinations | Yes | <p>Financial Support from institution Anbu Scholarship scheme 831</p> <p>Financial Support from National Source Tata Education and Development Trust 31</p> |
| 39 | Capacity development and skills enhancement initiatives | Yes | <ul style="list-style-type: none"> • 15 programs are conducted on Capacity development, career counseling activities and skills enhancement initiatives |
| 40 | Redressal of student grievances / ragging / Sexual harassment | Yes | <ul style="list-style-type: none"> • Fully functional student grievance cell • 50 grievances are received and 49 redressed in the year. |
| 41 | Students qualifying in state/ national/ international level examinations | Yes | <ul style="list-style-type: none"> • No. of students -300 GATE-11,GRE-71,TOEFL-4. Other- 214 |
| 42 | Placement of outgoing students/ progressed to higher education/Capability enhancement programs for Placement | Yes | <ul style="list-style-type: none"> • 873 placement orders • 23 off campus placements • progressed to higher education - 435 |
| 43 | Awards won by students for outstanding performance in sports/cultural activities | Yes | 37 National awards |
| 44 | Presence of Student Council and its activities / Representation of students on Academic and administration activities | Yes | <ul style="list-style-type: none"> • Fully operational student's council with student representatives from each school involving in academic and administrative bodies. |
| 45 | Sports and cultural events / competitions organized | Yes | <ul style="list-style-type: none"> • No. of events - 50 |
| 46 | Registered and functional alumni association*/ alumni contribution | Yes | <ul style="list-style-type: none"> • 24845 Registered and fully functional alumni association • Rs 2700000 contributed by |

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| | | | <p>Alumni for the year 2017-2018</p> <ul style="list-style-type: none"> 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. |
| Governance, Leadership and Management | | | |
| 47 | Is Statutory committee meetings held periodically * | Yes | <ul style="list-style-type: none"> IQAC meetings – 4/ year Board of studies – 2 / Year Board of Management – 4 / year Academic Council – 3 / year Finance committee – 2 / year Planning and Monitoring committee – 1 / year Purchase committee – 2 / year |
| 49 | Is e-governance implemented? * | Yes | <ul style="list-style-type: none"> Institute website Library management system Online examination system Online fee payment portal. Online entrance examination Online admission counseling |
| | Performance appraisal system, promotional avenues | Yes | <ul style="list-style-type: none"> Measured based on faculty's self appraisal form / S Score |
| 50 | Faculty and staff effective welfare measures * | Yes | <p>50 concession on tuition fee for our teaching teaching/Non-Teaching members' wards who are admitted in to our institution.</p> <p>100 fee concession for non-teaching faculty's wards with high scores in the qualifying examinations.</p> <p>Children of staff members with high scores in the secondary and higher secondary qualifying examinations (first 3 toppers respectively) are awarded with a cash award of INR 10,000/- Dr.JeppiaarRemibai M Scholarship awarded to toppers for academic year the tuition waived off first rank h 20 for the rank and 10 third rank h accordingly. Fee waiver to the Anbu Scholarship for the students from econom weaker sect the society Outgoing St Excellence A awarded to s with 100 attendance.</p> |
| 51 | Financial support to attend conferences / workshops and membership fee of professional | Yes | <ul style="list-style-type: none"> 75 Teachers are provided with financial support to attend |

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| | bodies | | conferences / workshops Registration fee / travel fee for attending conference / FDP / Journal publications / membership fee are sanctioned as per the work tenure period. |
| 52 | Professional development / administrative training Programmes organized / attended | Yes | <ul style="list-style-type: none"> • 26 Professional development / administrative training Programmes organized for the Teachers. • Totally 194 Professional development / administrative training Programmes attended by the Teachers. |
| 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"> • Totally 9 crores generated through 51 consultancy services |
| 59 | Facilities for / cultural activities, yoga and sports * | Yes | <ul style="list-style-type: none"> • Indoor Basketball Stadium • Play grounds / Cricket ground • Separate GYM for Boys & Girls • Yoga centre in hostel |
| 60 | Hostel facility / guest room facility / Secured Campus* | Yes | <ul style="list-style-type: none"> • Boys Hostel – 03 • Girls Hostel – 03 |
| 62 | Infrastructure augmentation* | Yes | |
| 63 | Innovation and Start up cell* | Yes | <ul style="list-style-type: none"> • Institution innovation Cell Institution innovation cell is one of the best practices to promote decentralization and participative management in the Institution. The Cell is managed centrally at the institution level and the structure itself is supported by a decentralized and well-coordinated structure at Departmental levels. Innovation promotion and funding at the institution level and the ideation, incubation are initiated at departmental levels. • Pre Incubation centres are established through this cell and all departments and research centres are inter connected and these centres facilitate the transformation of ideas to products and services. |

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| | | | <ul style="list-style-type: none"> • The cell provides mentoring services for patenting and commercialization to the incubates. |
| 64 | Research Facilities | Yes | <ul style="list-style-type: none"> • 2 Research parks with 14 research centres. |
| 65 | Is library automated using ILMS / has digitization facility / subscription for e-Library resources/ | Yes | <ul style="list-style-type: none"> • ILMS available • Knimbus provides remote access to all the e-resources in the library |
| Institutional Values and Best Practices | | | |
| 74 | Promotion of gender equity | Yes | <ul style="list-style-type: none"> • 4 Gender equity promotion programmes organized |
| 75 | Is facilities available for alternate sources of energy/ energy and water conservation/ management of degradable and non-degradable waste /e-waste management* | Yes | <ul style="list-style-type: none"> • Research was pursued and completed for development 0.1 W Perovskite Solar Cells • .Apart from adopting the conventional means of feeding pigs, connecting with authorized recycler, solid waste especially food waste to be used Microbial • Fuel Cells exclusively designed for power generation from food waste and waste water streams Continued Operation of 50 Litres pilot scale Biodiesel Production Unit with 45-48 litres production efficiency. Waste Cooking Oil biodiesel oxidation stability as improvised by blending with algal oil Battery operated vehicles (2 nos.) was procured and used for shuttling services within campus • The construction of STP was initiated and was executed for completion to handle 1.5 MLD effluent. The institution believes in promoting the research findings of the researchers, students and academicians trying to encourage translating their research outcomes into products and technologies. Enormous funding was diverted to encourage research activities pertaining to renewable and sustainable energy. • Environmental and Energy Audits were performed and recommendations have been taken forth to maximum extent |

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| | | | possible and have been implemented in the subsequent years. |
| 76 | Green campus initiatives /audits on environment and energy/ disabled-friendly / Rainwater harvesting* | Yes | <ul style="list-style-type: none"> • Utilization of green energy sources • Paper free campus by digitizing most of our activities • Waste water management by using recycled water for gardening • Battery operated cars used inside the institution Clean Campus initiative • Plastic free Campus |
| 77 | Efforts/initiatives in providing an inclusive environment * | Yes | <ul style="list-style-type: none"> • 9 events were conducted on to address/engage and contribute to local community • To meet the challenge of skilling at scale with speed and standard (quality) • Awareness programme on sanitary napkin usage • Drudgery reduction and livelihood promotion through women friendly tools and technologies enabling economic empowerment. • Awareness on our National Leaders • Drudgery reduction and livelihood promotion through women friendly tools and technologies enabling economic empowerment. • Awareness on safety • Improved employability and productivity of workforce / Entrepreneurship Development • Spread human rights literacy among various sections of society and promote awareness of the safeguards available for the protection of these rights |
| 79 | National and international commemorative days, events and festivals | Yes | • |
| 80 | Best practices | Yes | <ul style="list-style-type: none"> • BEST PRACTICES - I Titles: FACULTY VISIT TO INTERNATIONAL UNIVERSITIES • OBJECTIVES OF THE PRACTICE: • To create awareness to the faculty on the global scenario of education |

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| | | | <ul style="list-style-type: none"> • To encourage interaction with international faculty and their research facilities • To identify new areas of research and work on collaborative projects • To explore new pedagogical initiatives in the teaching learning process • PRACTICE – II • Title: INTRODUCTION OF BRIDGE COURSES • OBJECTIVES OF THE PRACTICE: • OBJECTIVES OF THE PRACTICE • Prepare the slow learners and learners from diversified boards of school education learn the essential concepts to ensure their smooth study of curriculum • Eliminating the language and skill barriers at the early level • |
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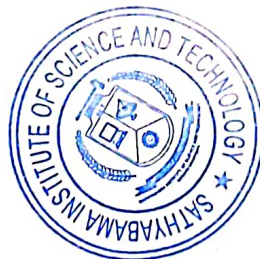
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Dr. M. S. GODWIN PREM,

[Handwritten signature]

[Dr. J. JAYAPRAKASH]

[Handwritten signature]
8/8/18





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INSTITUTE OF SCIENCE AND TECHNOLOGY

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119, Tamilnadu, India.

INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT – EXTERNAL

ACADEMIC YEAR 2017-18

26.5.2018

| S. No. | Parameter | Verification Yes/No | Observations / Suggestions |
|--|---|---------------------|---|
| Curricular Aspects | | | |
| 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">Curriculum has components with special focus on employability, entrepreneurship. |
| 3 | Is new course introduced and syllabus periodically updated | Yes | <ul style="list-style-type: none">62 new courses introduced. |
| 4 | Is CBCS / elective system implemented | Yes | <ul style="list-style-type: none">Implemented in 21 programmes |
| 5 | Whether the issues of Environment and Sustainability, Gender, Human Values and Professional Ethics addressed by courses | Yes | <ul style="list-style-type: none">Courses on Environmental Science and Principles of Management and Professional Ethics are in curriculum |
| 6 | Is value added course/ field projects /research projects/ internships introduced and students enrolled | Yes | <ul style="list-style-type: none">Very low Number of field / Industrial projects. |
| 7 | Is Stakeholder feedback taken for the design and review of syllabus and action taken | Yes | <ul style="list-style-type: none">Design and review of syllabus are based on the inputs and feedbacks. |
| Teaching, Learning and Evaluation | | | |
| 8 | Is measures taken for supporting advanced learners and slow learners? | Yes | Supporting system for Advanced Learners/ Slow learners is existing |
| 9 | Student – Full time teacher ratio | | 1:15 |

| | | | |
|---------------------------------|--|-----|--|
| 10 | Is student centric method used for enhancing learning experiences? | Yes | <ul style="list-style-type: none"> • Student Centric method is not followed extensively. |
| 11 | Is ICT enabled Teaching / Examination / evaluation practiced? | Yes | <ul style="list-style-type: none"> • Moodle LMS for teaching – learning, Google class room |
| 12 | Number of full-time teachers with Ph.D | | <ul style="list-style-type: none"> • 75% |
| 13 | Number of teachers who received awards and recognitions | Yes | Evident that faculty receives awards and recognitions |
| 14 | Is grievances related to teaching - learning / examination / evaluation / facilities addressed? | Yes | <ul style="list-style-type: none"> • Based on the feedback on teaching / issues on the examination and evaluation. |
| 15 | Availability /Dissemination /Attainment of POs, PSOs, Cos | Yes | <ul style="list-style-type: none"> • The COs, POs, PSOs and attainment are available. |
| 18 | Average Pass Percentage | Yes | <ul style="list-style-type: none"> • More than 90% |
| 19 | Is Student satisfaction survey (SSS) taken on teaching learning process / action taken? | Yes | <ul style="list-style-type: none"> • Based on Satisfaction Survey |
| Research and Development | | | |
| 20 | Is Seed Money received for research? | Yes | <ul style="list-style-type: none"> • Seed money is granted to staff members. |
| 21 | Is national/ international fellowship received/ financial support for advanced studies/ research/ innovation and incentives provided by the institution? | Yes | <ul style="list-style-type: none"> • Few numbers are evident Fellowships received by Scientists and Faculties. |
| 22 | Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled | | Low number |
| 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"> • 85 new projects |
| 27 | Eco system for innovations including Incubation centre and other initiatives | Yes | <ul style="list-style-type: none"> • 87 Worksops/seminars are conducted |
| 28 | Is workshops/seminars conducted on Research methodology, IPR, entrepreneurship, skill development | Yes | 88workshops/seminars conducted. |
| 29 | Patents published/awarded | | <ul style="list-style-type: none"> • Granted – Nil • Published –13 • Filed – 25 |
| 30 | Research papers / books and chapters / e-content / Citation Index/ h-index | | <ul style="list-style-type: none"> - Good number of publications. - 298 High Impact factor publications - 104 Book/Book chapters. |
| 31 | Extension activities in the neighbourhood community / awards received / programs conducted/ students participated | Yes | <ul style="list-style-type: none"> • Outreach/Awareness Programmes conducted by NCC, NSS and YRC Clubs. |
| 32 | Collaborative activities/functional MoUs | Yes | <ul style="list-style-type: none"> • MoUs are functioning with international Universities. |

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| | | | National Industries and National Health Centers are |
| | Awards and Recognitions | Yes | Few faculty received Awards and Recognitions. |
| Infrastructure | | | |
| 33 | Facilities for smart class rooms / virtual rooms / conference rooms / furnished staff cabin / New laboratories | Yes | New laboratories are lag. Smart class rooms, Virtual rooms Conference rooms are available. • Shortage of fully Furnished faculty cabin. |
| 34 | ICT - enabled facilities | Yes | <ul style="list-style-type: none"> Class rooms with ICT facilities are evident. |
| 35 | Student - Computer ratio / available bandwidth of internet | Yes | <ul style="list-style-type: none"> 3:1 500 MBPS/ GBPS |
| 36 | Facilities for e-content development | Yes | <ul style="list-style-type: none"> Also available in the official Youtube Channel of the Institution. Supported with advanced Hardware and Softwares tools. |
| 37 | Budget allocation | Yes | <ul style="list-style-type: none"> Assigned budget on Academic/Physical facilities is - Rs.90,000,000 and more than 90% is used. |
| Student Support and Progression | | | |
| 38 | Students benefited by scholarships / career counselling/ guidance for competitive examinations | Yes | Financial Support from institution Anbu Scholarship scheme Financial Support from National Source Tata Education and Development Trust |
| 39 | Capacity development and skills enhancement initiatives | Yes | <ul style="list-style-type: none"> Programs are conducted on Capacity development, career counseling activities and skills enhancement initiatives are evident |
| 40 | Redressal of student grievances / ragging / Sexual harassment | Yes | <ul style="list-style-type: none"> Fully functional student grievance cell |
| 41 | Students qualifying in state/ national/ international level examinations | Yes | Students qualifying in Gate, GRE and TOEFL like exams. |
| 42 | Placement of outgoing students/ progressed to higher education/Capability enhancement programs for Placement | Yes | <ul style="list-style-type: none"> Good number of placement orders and progression to higher studies. |
| 43 | Awards won by students for outstanding performance in sports/cultural activities | Yes | Students bagged many National awards |
| 44 | Presence of Student Council and its activities / Representation of students on Academic and administration activities | Yes | <ul style="list-style-type: none"> Fully operational student's council. |

| | | | |
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| 45 | Sports and cultural events / competitions organized | Yes | <ul style="list-style-type: none"> Organising Sports and cultural events / competitions are evident. |
| 46 | Registered and functional alumni association*/ alumni contribution | Yes | <ul style="list-style-type: none"> fully functional alumni association Alumni contribution is evident |
| Governance, Leadership and Management | | | |
| 47 | Is Statutory committee meetings held periodically * | Yes | Statutory committee meetings held periodically includes meetings of IQAC meetings, Board of studies, Board of Management, Academic Council, Finance committee – 2 / year. |
| 49 | Is e-governance implemented? * | Yes | <ul style="list-style-type: none"> e-governance is implemented. |
| | Performance appraisal system, promotional avenues | Yes | <ul style="list-style-type: none"> Measured based on faculty's self appraisal form |
| 50 | Faculty and staff effective welfare measures * | Yes | <ul style="list-style-type: none"> concession on tuition fee for our teaching teaching/Non-Teaching members' wards who are admitted in to our institution. Dr.JeppiaarRemibai Scholarship and Anbu Scholarship |
| 51 | Financial support to attend conferences / workshops and membership fee of professional bodies | Yes | <ul style="list-style-type: none"> Teachers are provided with financial support. |
| 52 | Professional development / administrative training Programmes organized / attended | Yes | <ul style="list-style-type: none"> Organising Professional development / administrative training Programmes organized are evident. |
| 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"> Totally 9 crores. |
| 59 | Facilities for / cultural activities, yoga and sports * | Yes | <ul style="list-style-type: none"> Indoor Basketball Stadium, Play grounds / Cricket ground, GYM, Yoga centre. |
| 60 | Hostel facility / guest room facility / Secured Campus* | Yes | <ul style="list-style-type: none"> Boys Hostel – 03 Girls Hostel – 03 |
| 62 | Infrastructure augmentation* | Yes | |
| 63 | Innovation and Start up cell* | Yes | <ul style="list-style-type: none"> Institution innovation Cell Institution innovation cell is functioning. |
| 64 | Research Facilities | Yes | <ul style="list-style-type: none"> 2 Research parks with 14 research centres. |
| 65 | Is library automated using ILMS / has digitization facility / subscription for e-Library resources/ | Yes | <ul style="list-style-type: none"> ILMS available Knimbus provides remote access to all the e-resources in the library |
| Institutional Values and Best Practices | | | |
| 74 | Promotion of gender equity | Yes | <ul style="list-style-type: none"> Gender equity promotion |

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| | | | programmes are organized |
| 75 | Is facilities available for alternate sources of energy/ energy and water conservation/ management of degradable and non-degradable waste /e-waste management* | Yes | <ul style="list-style-type: none"> • Perovskite Solar Cells • Solid waste Management • Fuel Cells. • Waste Cooking Oil biodiesel oxidation stability as improvised • STP • Environmental and Energy Audits were performed |
| 76 | Green campus initiatives /audits on environment and energy/ disabled-friendly / Rainwater harvesting* | Yes | <ul style="list-style-type: none"> • Utilization of green energy sources is evident. |
| 77 | Efforts/initiatives in providing an inclusive environment * | Yes | <ul style="list-style-type: none"> • Events were conducted on to address/engage and contribute to local community |
| 79 | National and international commemorative days, events and festivals | Yes | <ul style="list-style-type: none"> • |
| 80 | Best practices | Yes | <ul style="list-style-type: none"> • Practices – I • Faculty visit to international universities • Practice – II • Introduction of bridge courses objectives of the practice: |


Suggestions :

- To introduce at least one MOOC / NPTEL course as mandatory
- Adjunct faculty from Industries in order to fill the Industry academia gap
- To increase facilities from alternate sources of energy
- Course objectives and outcomes need revision as per the NBA guidelines
- To choose any of the “SWAYAM NPTEL courses” as course work paper in Ph.D programmes with the approval of DC members.

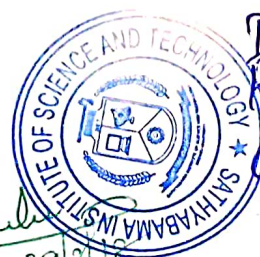
Observation :


Need improvements in the following areas.

- Percentage of industry based projects
- Student Centric method in teaching learning


 (Dr. Sharmugarantham)
 (Asso. Prof. / Electrical Dept)
 Pondicherry University


 29/8/16




 Dr. P. Thirumal
 Prof. Dept of Mech-Engg
 GCE, Bangalore