KARPAGAM ACADEMY OF HIGHER EDUCATION

Deemed to be University

(Established Under Section 3 of UGC Act, 1956)

Coimbatore – 641 021

NAAC Accreditation

(II CYCLE)

SELF - STUDY REPORT

22nd January 2021

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1. Executive Summary

Introduction:

Genesis

Karpagam Academy of Higher Education (KAHE), Coimbatore came into existence in 2008. The institution was inherited from its parent institution Karpagam Arts and Science College established in 1994-95 as an affiliated College of Bharathiar University, Coimbatore and later became an Autonomous College in 2006. With an ambition to become as an University, a separate Trust in the name of Karpagam Academy of Higher Education Trust was created under which the Karpagam Arts and Science College (Autonomous) was brought in and renamed as Karpagam Academy of Higher Education. This institution was conferred with Deemed to be University Status by the Ministry of Human Resource Development in August 2008 under Section 3 of UGC Act 1956. It is an unitary private self-financing Deemed to be University. Karpagam Academy of Higher Education is located in a serene environment with sparkling, green lush campus extending to 26 acres at Seerapalayam Village Panchayat.

Recognition / Approval

- Member of Association of Indian Universities.
- Accredited by NAAC in 2015 with 'B' Grade.
- NIRF Ranking in the rank band 151-200 in 2019.
- ISO 9001 -2015 Certified (Quality Management System)
- ISO 14001- 2015 Certified (Environment Management System)
- Arts / Science programmes approved by UGC.
- Architecture programmesapproved by Council of Architecture in 2009.
- Pharmacy Programmes approved by Pharmacy Council of India in2015.
- Engineering, Architecture, Pharmacy, MCA and MBA approved by AICTE in 2018.
- DSIR recognized Research Institution (SIRO) in 2018.
- MHRD approved Institution Innovation Council (IIC) in 2018.
- CPCSEA -Government of India approved Animal House.
- Drug Testing Laboratory approved by the Drug Controller of Tamil Nadu in 2019.
- DST-FIST status to Department of Biotechnology in 2019.
- NSS approved by Ministry of Youth Affairs, Government of India
- NCC approved by Ministry of Defence, Government of India

Programmes offered

The Institution is a multi-faculty campus with Faculty of Arts Science and Humanities, Faculty of Engineering, Faculty of Architecture and Faculty of Pharmacy with 25 academic departments and 88 diversified academic and professional programmes.

Faculty and Administrative Staff

The institution has 363 teaching and 189 non-teaching staff.

Students

6291 students are on its rolls comprising of 4238 male and 2053 female.

350 words

VISION and MISSION

The Planning and Monitoring Board of the Institution formulates 'Strategic Plan and Vision Plan' for its development. These plans help to set priorities, allocate resources and ensure that every employee working in the institution is working towards attainment of its goals and objectives. However, for strategic planning to be effective, two important aspects are needed – a vision and mission statements. These serve as a guide for creating objectives and goals of the institution, thus providing a road map that is to be followed by everyone.

The institution has formulated a 'Quality Policy' that focuses quality and excellence in all its spheres and services that meet the expectations of the stakeholders.

VISION

A vision statement describes the future state of the institution what it hopes to become in future. It is a long-term goal provides direction to the institution. It also communicates the purpose of the institution to its employees and other stakeholders and provides them with the inspiration to achieve that purpose.

The vision of Karpagam Academy of Higher Education is

To impart valuebased quality education, to undertake scientific, socially relevant research and instil creativity among the learners, to enable, enlighten and enrich them to serve and lead the society**.**

200 words

MISSION

A mission statement is related to vision statement. It describes the current state of an institution and its objectives. It provides detailed information about what the institution does, how it does it and who does it. It is short-term in nature.

Both vision and mission statements define the purpose of the institution and instill a sense of belonging and identify to the employees. It helps to properly allocate the resources towards achieving success and provides a clear guidelines for making decisions.

The core values, thus, of the institution is commitment to excellence and striving for exemplary outcomes in its main activities such as teaching, research and extension with

integrity, honesty and fairness. Proving inclusive environment, vesting the responsibility and accountability to the staff for their performance, collaborating with other agencies, encouraging innovation and creating systems and procedures for economic and social sustainability of the institution.

The Mission Statement of Karpagam Academy of Higher Education is

- Educating the learners to acquire latest knowledge and skills in their respective domain through e-platforms.
- Undertaking research in socially relevant, scientific and technology oriented projects.
- Empowering women, rural and marginalised sections of the society.
- Imbibing culture of creativity and innovation among learners.
- Making the learners to be self-reliant and moulding them as responsible citizens.

214 words

Quality Policy

To provide quality and excellence in all its spheres and services that exceeds the expectations of the stakeholders.

Motto

Enable | Enlighten | Enrich

CORE VALUES

Excellence	:	Institution's commitment to excellence impels the stakeholder to consistently strive for exemplary outcomes from all the ventures of the Institution such as teaching, research, campus facilities and outreach activities.
Integrity	:	Ensuring honesty, fairness and ethical manners in all academic and allied activities.
Inclusiveness	:	Nurturing an inclusive and learning environment that ensures openness, ideation and systematic approach towards excellence.
Responsibility	:	Committed to be responsible and accountable in all activities of the Institution.
Collaboration	:	Collaborating with other Universities, Industries, professional bodies and Society to realize excellence.
Innovation	:	Encouraging and supporting development of ideas by fostering individual creativity and providing an environment with opportunities for growth.
Sustainability	:	Creating systems and procedures to upkeep environmental, economic and social sustainability.

1. Criterion-wise Summary

Criterion I: Curricular Aspects

Karpagam Academy of Higher Education has constituted Board of Studies for each programme for designing the curriculum. Board of Studies comprise of external subject experts, representatives from industry, society besides senior academicians in the Departments. The alumni and current students are special invitees to the Board of Studies.

While designing the curriculum, the Department concerned consider the local, national, global needs along with model curriculum provided by the respective regulatory agencies such as UGC, AICTE, Council of Architecture and Pharmacy Council of India. All the programmes and courses have well defined Objectives and Outcomes. Choice Based Credit System (CBCS) and semester pattern are followed in all programmes. However annual pattern is followed for Pharm.D.programme as per PCI norms. Cross-cutting issues like environmental study, gender equity and sensitivity, human values and professional ethics are integrated into the curriculum of all the programmes.

Normally, the curriculum is prepared for the entire duration of the programme. However, minor changes, if required are incorporated in the curriculum with the approval of the Vice-Chancellor and later ratified by the Board of Studies. A few programmes such as B.Com (BPS), B.Sc. (CS) are industry-specific programmes offered in association with TCS, B.Com. (International Accounting and Finance) with International Skill Development Corporation integrated with ACCA UK.

The curriculum is evaluated in terms of attainment of course outcome and basing on the evaluation outcome, curriculum is subsequently revised, if necessary.

Structured feedback on curriculum is received from students, employers, alumni and the feedback are analysed and if found worth incorporated in the curriculum.

Some of the other significant aspects in relation to Curriculum are:

- Outcome Based Education is the focus of the curriculum.
- Curriculum revision was carried out in all programmes during the last five years.
- 92.84% of programmes have focus on employability, entrepreneurship and skill development.
- On an average 33.71% new courses were introduced during the last five years.
- 252 Value-Added courses are offered. Average percentage of students enrolled is 76.14.
- 76.01% of students undertake field visits / internships / projects to gain experiential learning.

337 words

Criterion II: Teaching – Learning and Evaluation

Student centered learning encompasses method of teaching that shift the focus of institution from the teacher to the student.

The student centric methods such as experiential learning, participative learning and problem-solving methods are adopted by faculty to enhance the learning experiences of students. To improve the effective teaching-learning process, faculty use ICT enabled tools like Google class-room and YouTube. They also use online resources, SWAYAM, NPTEL / MOOCs, Moodle etc.

The institution has 363 energetic and experienced teaching faculty. The learning levels of students are assessed based on Bloom's Taxonomy of Educational Objectives such as remembering, understanding, application, analysis, evaluation and creation. Basing on the assessment students are classified as slow learners and advanced learners. Special programmes such as remedial classes, special tutoring are conducted for slow learners and assignments on advanced topics, making poster presentation, mini projects are other assignments given to advanced learners. Experience has shown that special programs organized for slow and advance learners help them to move on to the higher – level of learning as enunciated in Bloom's Taxonomy.

There is well defined evaluation system. The attainments of programme and course outcomes are well evaluated and results are declared on time.

The significant aspects of this criterion are:

- Average demand ratio between seats available and the number of eligible applications received is 1:3.
- Average percentage of seats filled against reserved categories: 84.14.
- Student Vs Full Time teacher ratio**:** 17:1.
- Ratio of students to mentor 17:1.
- Total number of teaching faculty 363.
- Average percentage of full-time teachers against sanctioned posts: 100.
- Average years of teaching experience of full-time teachers: 4.03 years.
- Average percentage of full-time teachers with Ph.D. 44.8%.
- 62% of teachers received awards / recognition from Government / Government recognized bodies.
- Average number of days for declaration of results 13.
- Average Percentage of student grievances about evaluation: 0.5
- 100% external question paper setting and evaluation of answer scripts.
- 100% of automation in examination section and implementation of Examination Management system.
- Average pass percentage of students 97.48 %.

331 words

Criterion III – Research, Innovation and Extension

The institution has exclusive Policies for Promotion of Research and Code of Ethics. The research facilities are constantly upgraded. The Department of Biotechnology has obtained DST FIST -1 level Status. The quantum of research grants and the number of research publications and patents published are impressive. Plagiarism software – Turnitin is installed to check the level of plagiarism in research article / thesis before they are submitted for publication in journal / evaluation. Central Instrumentation Lab, Animal House, Media Centre, Business Lab and Clean Room are available. Institution has created an eco-system for innovations including by establishing Technology Business Incubation Centre.

The institution has a strong Consultancy Potential, University-Industry Collaboration and performance of extension activities are impressive.

The significant aspects in relation to research, innovation and extension are:

- Average seed money provided to teachers for research: Rs.48.38 Lakhs.
- 41.03% of teachers received financial support for research from various agencies.
- Number of JRFs, SRFs, PDF enrolled: 403.
- Percentage of departments with UGC-FIST, DBT and other recognitions by national and international agencies: 40%.
- Extramural funding for research, endowments and Chairs Rs.868.34 lakhs.
- Research Grants received from government agencies Rs. 541.61 lakhs.
- Research projects per teacher funded by the Government and non-government agencies: 3.02.
- Technology Incubation Centre with 10 Start-ups established.
- 257programmesare conducted in Research Methodology, IPR, Entrepreneurship and Skill Development.
- 259 Awards / recognitions received by faculty and students for research / innovation.
- 51 Patents were published and 28 patents granted.
- Ph.D. produced per faculty 4.02.
- Total publications 1444 (Scopus & Web of Science).
- Average publication per faculty: 3.92.
- 904 of Books / Chapters / Conference proceedings published. Average per teacher: 2.46.
- 2970 e-contents developed by teachers.
- 49 h-index; Citation Index: 2.72.
- Consultancy Policy in place and revenue generated Rs.552.13 lakhs.
- 266 extension activities are conducted.
- 355 awards received for extension activities.
- Average percentage of students participating in extension activities: 88.81%.

- 356 collaborative activities are undertaken for research and academic development and average percentage per year: 71.2.
- 126 Functional MoUs are entered with other institutions /industries and are active.

337 words

Criterion IV – Infrastructure and Learning Resources

The institution has adequate physical infrastructure, laboratories, learning resources and general campus facilities. The facilities required for teaching-learning namely class rooms, laboratories, computing equipments for Engineering, Architecture, Pharmacy, MBA and MCA programmes as per the statutory requirements. The institution has spacious open grounds for outdoor sports. A separate block is allotted for indoor games such as Table Tennis, Carrom, Chess, Judo and Wrestling practice. The Institution takes special interest and effort to promote Tamil Nadu's traditional martial art form Silambam. Institution provides training in Silambam to the Police official of the Government of Tamil Nadu. A two-day cultural fest "Pranaya",an Inter Institute and Intra-Institute cultural fest is celebrated every year. Students exhibit their talents in dance, music and other skills in cultural festivals. A 3000 capacity open auditorium, 1500 capacity indoor auditorium and 300 capacity Ampi Theatre are available for conduct of cultural programmes.

The entire campus is Wi-Fi enabled. The media Centre with 360°studio helps for recording video lectures of the faculty. Access to SCOPUS /EBSCO and other data bases are available. Established systems and procedures are in place for maintenance of physical, academic and support facilities. Library is automated with ILMS with digitalization facilities.

The significant aspects in relation to this criterion are:

- 152 classrooms, 6 Seminar Halls, 122 Laboratories, 1687 computing equipment and adequate play grounds.
- Campus facilities - 6 Men's Hostels, 4 Women's Hostels, 2 cafeteria, Doctors consultation room and general stores are available.
- Average annual percentage of expenditure for infrastructure augmentation is 34%.
- Central Library built up area is 8642 Sq. meters.
- 107872books in Central library
- 12043 books in Department libraries
- National Journals 193, International Journals 42
- e-journals 78000 includes SCOPUS and EBSCO.
- Average bandwidth of internet connection: 600 Mbps
- Average Annual expenditure for books Rs.46.41 lakhs.
- Percentage of usage of library by teachers and students 43.34.
- All class rooms and seminar halls with ICT facilities.
- 1687 computers are available
- Student Computer ratio 4:1.

- Average percentage of expenditure on maintenance of physical infrastructure and academic support facilities 22.38%.

336 words

Criterion V – Student Support and Progression

Institution has taken capacity development and skills enhancement initiatives in the domains of soft skill, language and communication skills, life skills such as yoga, physical fitness and awareness of trends in technology. The institution implements the guidelines given by the statutory and regulatory bodies pertaining to ragging, sexual harassment and other student grievances. The institution has established a separate centre for Competitive Examinations to give coaching to students in NET/SLET/GATE/GMAT/CAT and Civil Services Examinations. The institution has constituted cells like Equal Opportunity Cell, Gender Sensitization Cell, Innovation Cell, Entrepreneurship Development Cell, Women Empowerment Cell, Committees like Anti-discrimination Committee, Sports and Cultural Committee and Clubs like Astro Club, Blood Donation Club, Eco Club, Literary Club and Media Club for the holistic development of the students. The Institution carefully monitor student's performance and progression to higher education and gainful employment. The Alumni Association is the registered one with 8720 members with a corpus fund of Rs. 200.53 lakhs. Alumni represent in Board of Studies, deliver guest lectures, conduct mock interview for students, support placement and in extension activities. The Student Council exist and it takes active part for the growth of the institution. The members of the Council represent various Committees and Cells to ensure that these Committees and Cells work towards the benefit of the students besides for the institutional development.

Other significant aspects in relation to this criterion are:

- Average percentage of students benefited by scholarships / freeships: 15.75
- Average percentage of students benefited by Career Counseling and Competitive Examinations 66.84.
- Average percentage of students qualifying in State/National examinations 66.
- Average percentage of placement of outgoing students 59.62
- Percentage of student progression to higher education 19.27.
- Number of awards / medals for outstanding performance in sports / cultural activities at national level 212.
- Average number of Sports / cultural activities / competitions organized in the institution per year 44.2.
- Alumni Association Registered. The total numbers of members of the Association are 8720.
- Financial contribution by Alumni Rs.200.53 lakhs.

328 words

Criterion VI – Governance, Leadership and Management

Institution is governed by the Memorandum of Association and Rules approved by the Board of Management and UGC. The institution follows prudent management

principles such as decentralization and participative management. This is evidenced where each of the four faculty of studies are headed by individual Deans by which the entire academic activities are decentralized. The framing of curriculum and academic functioning are performed by teaching faculty under the direction and supervision of HoDs and thereby participative management is ensured. The strategic plans are formulated and effectively deployed. All the statutory bodies of the institution such as Academic Council, Planning and Monitoring Board, Finance Committee and Board of Management are functioning effectively. E-governance is introduced in the areas of administration, finance, student admission and examination.

Institution has well defined policies and practices in recruitment, training and development, performance appraisal, welfare facilities to its staff and prudent financial management. The institution generates financial resources through various sources such as student fees, donation from philanthropists, alumni and funds for research and other government agencies for specific purpose. The funds are utilized optimally. BoM appointed Chartered Accountants are conducting regular audit and any objections are dropped with suitable answers.

Internal Quality Assurance Cell plays a vital role in sensitizing the staff on quality issues and has initiated lot of quality measures. There is an effective leadership which makes functioning effective and efficient.

Other significant aspects in relation to this criterion are:

- Average percentage of teachers provided financial support to attend conferences 73.18.
- Average number of Professional Development Programmes conducted for teaching and administrative staff: 44.20
- Average percentage of teachers undergone FDP: 97.78.
- Grants Received from Government bodies for development and maintenance of infrastructure Rs.28.84 Lakhs.
- Rs. 317.28 lakhs received from non - Government agencies for development and maintenance of infrastructure.
- IQAC reviews periodically teaching-learning process.
- Seminars on quality issues are conducted.
- Academic and Administrative Audit is conducted and appropriate remedial action is taken.
- Timely submission of AQAR to NAAC.
- Participated in NIRF.
- ISO 9001 -2015 and ISO 14001- 2015 Certified for Quality Management System and Environment Management System respectively.

345 words

Criteria VII - Institutional values and Best Practices

Gender equity, is included in induction programme of freshers. Gender Champions, propagate the same to their peers.

For energy conservation solar energy, bio-gas plant, sensor-based energy conservation and LED bulbs are used.

Solid wastes, liquid wastes, e-wastes are managed effectively. The Sewage Treatment Plant is installed and the treated water is used to irrigate the garden. E-wastes are sold to authorized agency. Waste iron rods, iron sheets are used in the Centre for Production and Service Facility. Rain water harvesting, waste water recycling are in place. Ramps, lifts are available for disabled.

As Green Campus initiatives all automobiles are parked at the entrance of the campus. It is lush, green campus. Use of plastics is banned. Energy audit and environmental audit are done regularly and ISO certificates obtained.

Inclusive environment include equal treatment of faculty and students irrespective of religions. Students are involved in extension programmes to understand the values of social service.

Two best practices successfully implemented.

i. Approval of Research scholar's progress through Time Line Presentation and Annual Research Congress.

   Time Line Presentation and Annual Research Congress are the quality initiatives of Ph.D programme. In Time – Line presentation scholars of the particular department present their research work before recognized Guides and get advise from them. In Annual Research congress, experts from other institutions are also invited to advise the scholars.

ii. Professional Hands - on - Experience to students of Civil Engineering on testing road construction projects of both Government and non- Government agencies.

   The Department of Civil Engineering has 'Registered Professional Engineers' to certify the quality of the Government projects completed. While doing so students of Civil Engineering are involved to observe, conducting tests and acquire testing skills.

INSTITUTIONAL DISTINCTIVENESS

Environmental Management - A Holistic Approach by Karpagam Academy of Higher Education is the distinctive area of the institution. It has taken a Holistic Approach to Environmental Management that comprises of including Environment in Curriculum, creating awareness on environmental protection, Green Buildings, Air Quality, Water Quality, Renewable Energy, and Liquid Waste Management. Environmental Research and Environmental Audit are done.

342 words

2. Strengths, Weakness, Opportunities and Challenges of the Institution

Strengths of Karpagam Academy of Higher Education

1. Vision, Mission and Planning

Karpagam Academy of Higher Education has vision and mission statements clearly specifying what it want to achieve and for which it has formulated 15 year Vision Plan, 7 year Strategic Plan and 5 year Action Plan It is the Planning and Monitoring Board of the institution that prepares such a Perspective Plan and monitors every year what has been achieved, not achieved and the reason thereof and accordingly modifies the plan.

2. Centrally located with easy access

Institution is located at the junction of Dindigal – Mysore Highway NH948 and Cochin-Salem highway NH544 and has easy access by road and well connected by rail and air transport.

3. Green Campus

The campus is located in a serene environment with sparkling, green lush campus extending to 26 acres.

4. Multi-facility campus

Institution has four faculty of studies – Faculty of Arts, Science and Humanities, Engineering, Architecture and Pharmacy which enables to undertake inter-disciplinary studies / research.

5. Strong Research Focus with Specialty Centres

The institution offers Ph.D. Programmes in various disciplines. All the four faculty of studies are undertaking research projects funded by various bodies.

Besides this, ten Specialty Research Centres such as Advanced Battery Research Centre, Drug Testing Centre, Cancer Research Centre and Media Centre are established.

6. Vibrant Extension Activities

The institution has adapted five villages under Unnat Bharat Abhiyan Scheme. Government and Non-Government programmes are conducted through NSS, YRC,RRC and other Government departments and the institution got good number of awards in recognition of its significant contribution.

7. Strong Student Support Service

Students are provided with required support and guidance in the area of psychological counseling, coaching for competitive examinations, sports, cultural activities and placements. Alumni Association is also vibrant with 8720 members with a corpus fund of Rs. 200.53 lakhs.

8. **Committed Leadership**

The base for strength of the institution is due to committed leadership and good governance and wherever required delegation of authority and decentralization of administration are prudently followed.

327 words

Weakness

1. **Less External Research Funding as the institution is a private self-financing deemed to be university**

The institution has competent research faculty who could greatly contribute for the development of research. Only a few agencies come forward to fund research. But majority of the funding agencies given funding basing on the NIRF ranking and NAAC ranking. Hence, the institution is striving to get higher ranking to enable the institution to get higher funding from funding agencies.

2. **Higher Attrition Rate of Faculty**

Through institution appoints qualified teaching faculty, they don't stick on to the job as it is a private institution and always look for a permanent job in Government / Government aided Higher Educational Institutions. Consequently, on an average 20% of teaching faculty leave the institution which has an impact on quality Same situation prevails among non-teaching faculty also. The State Government is opening new Colleges / Universities and this has resulted in more faculty members moving towards Government Higher Education Institution.

3. **Absence of pro-active support from public and private agencies**

When it comes to the question of Governmental support of financial and non-financial, incentives to students the Government institutions always do have an edge over private institutions. For instance, many of the scholarship / stipend schemes are meant for students of Government Higher Educational institutions rather than to the students of private, staff, financing institutions.

It is to be mentioned here that the National Education Policy 2020 has categorically stated all the Universities would be treated on same footing in the matter of research funding and student support schemes. This would certainly remove the handicap experienced by the self-financing educational institutions.

274 words

Opportunities

1. **To attract students from other States / Counties**

The institution is a multi-faculty deemed to be university and there is a greater scope for the students of other states and countries to select a programme of their choice from a wide options available to the students.

At present only a few candidates from other countries and states have enrolled. Hence, there is good opportunity available to the institution to attract more students from other states / countries with appropriate promotional strategies and it is hoped more students would enroll in future.

2. **Linkage with foreign educational institutions**

The linkage with foreign educational institution is just started and there is excellent scope for creating linkage with foreign educational institutions in the areas of student exchange, joint conferences and joint research.

A separate office for International Affairs has been established and is headed by a separate Dean who is now exploring linkages with reputed international educational institutions. Already a few Memorandum of Understanding has been entered into with a few universities and more such linkages are likely to follow in future.

3. **University-Industry Collaboration**

Institution is located in Coimbatore which is the major industrial hub in the State of Tamil Nadu and there is excellent scope available for effective University-Industry Collaboration. At present, Agreements have already been entered with a sizeable number of industrial establishments and collaborative activities such as inviting experts from industries to the Board of Studies for framing curriculum and to deliver guest lectures. But opportunities for more University-Industry Collaboration still exists and to be fully explored.

259 words

Challenges

1. **To imbibe skill training among students**

The criticism of fresh graduates not meeting the requirements / expectations of employers in terms of lack of skill exists. The observation of the employers is that the students are good in knowledge part but on skill side, they lack the required professional skill. Hence, the institution has given due emphasis for skill development in the curriculum but desirable result is yet to be achieved. It becomes really a challenge to make every individual student to be skill-oriented. The National Education Policy 2020 also focuses on 'Skill India Mission'. Necessary initiatives are being taken to provide skill training to the students of all the programmes basing on the requirements of industry / society / entrepreneurship.

2. **Developing Global Competencies among Students**

This is yet another challenge faced by the institution. First of all, it is difficult to define 'Global Competencies' and the competencies required may vary from country to country, but still there are certain common competencies such as language skill, communication skill and information technology skill which need to be given to the students. But the institution finds it difficult to develop such a skill among the learners as most of them are first graduation learners and the requirements are varying in nature.

3. **Students enrollment sustainability for some programmes**

Not all the programmes attract learners all the times. It has also become seasonal. After a lull for a few years, once again the arts and basic science programmes picked up and Engineering programmes are facing tough time in student enrolment. In such a situation, it becomes a challenge to the institution to economically sustain few programmes. In spite of this difficulty, institution runs unviable and just break-even programmes for the benefit of the students.

293 words

4. **Any additional information about the Institution other than ones already stated**

Karpagam Academy of Higher Education is a multi-faculty Deemed to be University with Arts, Science, Engineering, Architecture and Pharmacy. This has enabled the Institution to undertake inter-disciplinary / multi-disciplinary research / seminars and conferences.

Further, the KAHE has established the following Specialty Centres:

1. **Drug Testing Centre**
   Drug Testing Laboratory is established to carry out the tests on drugs and Pharmaceutical APIs and intermediates used in the manufacture of all schedule drugs including Vitamins, Antibiotics and Cosmetics etc. Complete range of testing for raw materials and finished products / formulations are done as per the guidelines of Pharmacopeia. It has got approval from Drug Controller of India.

2. **Water Testing Centre**
   Water Testing Laboratory is engaged in providing laboratory related solutions to its valued customers by measuring the concentration of the constituents quantitatively for characterisation of water for different uses. Water testing services is done to various industries, institutions and individuals.

3. **Civil Construction Testing and Consultancy Centre**
   In Civil Constructions Testing Laboratory, the quality of building materials is tested as per Bureau of Indian Standard. Tests on materials in compression, tension, torsion, bending, and buckling are performed. The primary activities include experimental studies on model/prototype of structural elements and assemblies under various static

and dynamic loading conditions. The laboratory serves a wide spectrum of activities covering those related to teaching, research, development and consultancy.

4. **Smoke Emission Testing Centre**

Passenger vehicles are a major pollution contributor, producing significant amounts of nitrogen oxides and carbon monoxide. The pollutants cause problems when they react with the environment. The pollutants emitted from automobiles is one of the foremost causes for air pollution, climate change, global warming in addition with soil and water quality.Engine exhaust pollutants are believed to cause cancer,asthma, heart disease, birth defects and eye irritation. Department of Automobile Engineering conducts free vehicle emission checking camp yearly twice for the students, staff members of Karpagam Institutions and to the general public particularly to check the emission level of their vehicles.

5. **Tribology Centre**

Tribology is the study of friction, wear and lubrication between the surfaces moving relative to each other. This laboratory is utilized to support the industry in finding solutions related to wear, friction, lubrication and maintenance (Bearings, cams, gears, and cutting tools) and to educate the research scholars, engineers and students in tribological aspects. It is also used for consultancy and testing services and to carry out the projects of UG / PG students and Research scholars.

6. **Fabrication Service Centre (including welding and electrode manufacturing services).**

Central fabrication facility is established with an objective of skill development and enhancement of employable opportunity to the students. Students will have a hand on training on commercial aspects of design manufacturing and selling of electrodes, they make. This will also exploit the potentials of industrial consultancy in the form of development of new formulation and electrodes for various applications. Scholars can benefit themselves in design and development of new and efficient formulation with new and alternative materials for welding consumables in niche areas.

7. **Animal House Extension Activities Centre**

Animal House facility is approved by "Committee for the Purpose of Control and Supervision of Experiments Animal (CPCSEA)", Ministry of Environment, Forest & Climate Change, Government of India for Research and Breeding for In-House use of Small Experimental Animals. This facility is equipped with requisite equipments and the infrastructure is designed as per CPCSEA guidelines. All the studies are conducted in accordance with CPCSEA guidelines and Institution Animal Ethics Committee (IAEC) meeting resolutions.

8. **Plant Tissue Culture Centre**

Plant Tissue Culture Centre is established to exploit the biotechnological techniques to grow large number of plant tissues/plantlets under sterile, controlled conditions from any part of the plant and also to multiply plants which are difficult to propagate by conventional means. Emphasis is laid on the medical plants and their secondary metabolites for large applications in the fields of agriculture and human health.

9. **Non-Conventional Energy Centre**

Non-Conventional Energy Centre aims to conduct research in the field of non-conventional energy aligned to electrical engineering. The research is being conducted to address the emerging challenges of non-conventional energy resources, particularly operational challenges in power systems. The research activities include classical power system problems such as power quality to the recent development in ICT, i.e., Digitalization – Internet of Things in power systems. The centre aims to address all the research domains. It undertakes energy audit.

10. **Animal Tissue Culture Centre**

Animal Tissue Culture Laboratory is equipped with adequate infrastructure to carry out cell based and tissue-based experiments. The experiments carried out include viability assays, colonogenic assays, gene expression studies and cellbased staining to assess cellular differentiation.

11. **Advanced Battery Research Centre**

The advanced Battery Research Centre was started with a vision "To be theworld renowned research centre for advanced batteries catering to all applications namely Automotive, Motive power, Energy storage, micro hybrid to EV and deep cyclic applications such as Golf cart, E-rickshaw, E-Auto etc". It is equipped with imported battery tester.

12. **Data Science and Big Data Analytics Centre**

Data Science and Big data Analytics is established to work towards accelerating innovation, enabling industry-oriented research and also to promote adoption of data-driven decision by enabling appropriate skills. The Centre will provide high-end technology capabilities, data, expertise, thought leadership, and curated programs to augment capabilities across academia, enterprises, government, and innovators / advanced start-ups.

13. **Cancer Research Centre**

Cancer Research Centre is established with cell cultures, synthesis and evaluation laboratories. Working on developing medicine to cure different types of cancers.

14. **Centre for Inter-disciplinary Research**

The centre would harbor a research eco-system by promoting cutting-edge inter-disciplinary research by addressing social and scientific challenges through innovative solutions to the local and regional problems. This centre integrates various disciplines in the institution and inspires youths to take up research as a career.

15. **Centre for Menstrual Hygiene Management**

The Centre is established in collaboration with UNICEF, KIDI, MSSR Foundation and Government of Tamil Nadu. Under this centre biodegradable sanitary napkin technology is developed.

16. Research Data Base Centre

Research Data Base Centre is the depository of details of the accomplished and on-going funded projects carried out by various faculty members working in various universities of India. Currently it has information about ___ research projects funded by various agencies.

The above specialty centres undertake research and provide support/consultancy services by virtue of their specialization. **The Karpagam Research Database Centre acts as a 'Data Warehouse' and provides base data to all researchers who need to continue research in a specific field.**

5. Conclusion

Karpagam Academy of Higher Education, being a multi-faculty institution with Faculty of Arts, Science and Humanities, Faculty of Engineering, Faculty of Architecture and Faculty of Pharmacy provides required knowledge, and comprehension in the core area of its 88 academic programmes. The curriculum is constantly updated and the focus is Outcome Based Education. The multi-faculty enable to offer inter-disciplinary programmes and value added courses. It trains the students in 'application, analysis and synthesis' of the knowledge gained to infuse research mind to undertake inter-disciplinary / multi-disciplinary research. This led to research publications in the high impact factor journals and resulted in the filing of patents. This has, further led to strong university-industry linkage for the mutual benefit in the form of exchange of ideas and to come out with innovative, cost-effective, products. Similarly, the research output from the Departments of Life Sciences and Pharmacy to identify molecule / drug to cure different diseases.

The strong academic and research output has resulted in the establishment of specialty centres. These centres not only help the Institution but also provide support to other Institutions to test and validate their findings/products.

Consultancy is significant in the Department of Civil Engineering, Life Sciences, Architecture and Pharmacy. The academic and physical infrastructure is strong and the institution provide required support services such as placement, coaching for competitive examinations and so on.

The best practices tested and validated help other Institutions to emulate. The distinctive activity of the institution is a Holistic Approach to Environmental Management because of its commitment in the environmental awareness, environmental education and environmental protection.

The functioning of all the departments of Faculty of Engineering, Science and Pharmacy in tandem explicates clearly the effective functioning of Karpagam Academy of Higher Education in teaching, research and extension in consonance with its vision and mission.

299 words

3862 words

2. Profile of the University

Basic Information

Name and Address of the University			
Name	**KARPAGAM ACADEMY OF HIGHER EDUCATION**		
Address	Pollachi Main Road, Eachanari Post, Coimbatore. Tamil Nadu		
City	Coimbatore	**Pin**	641021
State	Tamil Nadu	**Website**	https://www.kahedu.edu.in

Contacts for Communication

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Dr.S.Sudalaimuthu	0422-2980019	9442601377	0422-2980022	vc@kahedu.edu.in
Registrar	Dr.M.Palaniswamy	0422-2980020	9894736777	0422-2980022	registrar@kahedu.edu.in
Steering Committee Co-Ordinator	Dr. N.V. Balaji	0422-2980011	9361080009	0422-2980022	fashdean@kahedu.edu.in

Nature of University	Institution Status	Deemed to be University under Section 3 of UGC Act 1956
Type of University	Type of University	Unitary
Establishment Details	Establishment Date of the University	25/08/2008 Ministry of Human Resource Development, Govt. of India, conferred the Deemed to be University status vide its order: 9-24/2004-U.3 (A) dated 25/08/2008
	Status Prior to Establishment, If applicable	Autonomous College, Under Bharathiar University, Coimbatore.
	Establishment date	Karpagam Arts and Science College was established as per GO MS. No: 585 dated 21.07.1995 of Govt. of Tamil Nadu and affiliated to Bharathiar University, Tamil Nadu on 18th September, 1995. and conferred Autonomous Status by UGC on 4th May,2006 –vide reference number F.22/1/2005(Desk-AC)

Recognition Details

Date of Recognition as a University by UGC or Any Other National Agency	
Under Section	**Date**
2f of UGC	**-**
12B of UGC	**-**
3 of UGC	**25/08/2008**
Joint Committee (UGC-AICTE)	**23/09/2009 (Engineering)**
CoA	**22/06/2009 (Architecture)**
PCI / UGC Approval	**02/09/2015 (Pharmacy) UGC No .F.1-1/2016 (CPP-I/DU) dated 13.02.2019.**

University with Potential for Excellence

Is the University Recognized as a 'University with Potential for Excellence (UPE)' by the UGC?	~~Yes~~	**No √**

Location, Area and Activity of Campus

Campus Type	Address	Location	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/ MHRD
Main Campus only	Pollachi Main Road, Eachanari Post, Coimbatore Tamil Nadu	Rural	26.00	107455.62 sq.m^2	UG PG M.Phil & Ph.D.	25.08.2008	25.08.2008

Academic Information

Affiliated Institutions to the University - Not Applicable

Karpagam Academy of Higher Education is a Deemed to be University under Section 3 of UGC Act, 1956 and not an affiliating University type.

College Type	Number of colleges with permanent affiliation	Number of colleges with temporary affiliation
NA	NA	NA

Type of Colleges	Permanent	Temporary	Total	
Education/Teachers Training	NA	NA	NA	NA
Business administration/ Commerce/Management/Finance	NA	NA	NA	NA
Universal/Common to all Disciplines	NA	NA	NA	NA

Furnish the Details of Colleges under University – Not applicable

Constituent Colleges	
Affiliated Colleges	
Colleges Under 2(f)	
Colleges Under 2(f) and 12B	
NAAC Accredited Colleges	
Colleges with Potential for Excellence(UGC)	
Autonomous Colleges	
Colleges with Postgraduate Departments	
Colleges with Research Departments	
University Recognized Research Institutes/Centers	

Is the University Offering any Programmes Recognized by any Statutory Regulatory authority (SRA)	Yes	

Details of Teaching & Non-Teaching Staff of University

Teaching Faculty

	Professor				**Associate Professor**				**Assistant Professor**			
	Male	**Female**	**Others**	**Total**	**Male**	**Female**	**Others**	**Total**	**Male**	**Female**	**Others**	**Total**
Sanctioned	36	19	-	55	35	09	-	44	144	120	-	264
Recruited	36	19	-	55	35	09	-	44	144	120	-	264
Yet to Recruit	-	-	-	-	-	-	-	-	-	-	-	-
On Contract	-	-	-	-	-	-		-	-	-		-
Sanctioned	Total Male		215	Total Female			148	Grand Total				363

Non- Teaching Staff

	Male	Female	Others	Total
Sanctioned	58	61	-	119
Recruited	58	61	-	119
Yet to Recruit	-	-	-	-
On Contract	-	-	-	-

Technical Staff

	Male	Female	Others	Total
Sanctioned	35	35	-	70
Recruited	35	35	-	70
Yet to Recruit	-	-	-	-
OnContract	-	-	-	-

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			**Total**
	Male	**Female**	**Others**	**Male**	**Female**	**Others**	**Male**	**Female**	**Others**	
D.Sc./D.Litt.	-	-	-	-	-	-	-	-	-	-
Ph.D.	31	15	-	21	8	-	69	59	-	203
M.Phil.	-	-	-	-	-	-	19	34	-	53
PG	1	-	-	13	-	-	58	35	-	107

Temporary Teachers -Nil										
Highest Qualification				**Associate Professor**			**Assistant Professor**			**Total**
	Male	**Female**	**Others**	**Male**	**Female**	**Others**	**Male**	**Female**	**Others**	
D.Sc/D.Litt										
Ph.D.										
M.Phil.										
PG										

Part Time Teachers - Nil										
Highest Qualification				**Associate Professor**			**Assistant Professor**			**Total**
	Male	**Female**	**Others**	**Male**	**Female**	**Others**	**Male**	**Female**	**Others**	
D.sc/D.Litt										
Ph.D.										
M.Phil.										
PG										

Distinguished Academicians Appointed –2

	Male	Female	Others	Total
Emeritus Professor	-	-	-	-
Adjunct Professor	2	-	-	2
Visiting Professor	-	-	-	-

Chairs Instituted by the University

S.No.	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	EEE	Edison Chair for Battery Research	Karpagam Academy of Higher Education, Coimbatore
2	Commerce, Management & Insurance	Sri G.Venkitaswamy Naidu Chair	Karpagam Academy of Higher Education, Coimbatore
3	Life Sciences	Pandit Veera Swamy Naidu Chair	Karpagam Academy of Higher Education, Coimbatore

Provide the Following Details of Students Enrolled in the University during the Current Academic Year

Programme		From the State	From Other	NRI	Foreign	Total
Ph.D.	Male	102	-	-	-	102
	Female	113	-	-	-	113
PG	Male	200	11	-	-	211
	Female	128	22	-	-	150
	Others	-	-	-	-	-
UG	Male	1216	16	-	-	1232
	Female	420	7	-	-	427
	Others	-	-	-	-	-

Does the university offer any integrated programmes? ~~Yes~~ / **No**

Total number of integrated programme	NA

Integrated Programme	From the state where University is located	From other states of India	NRI Students	Foreign Students	Total
Male	Not Applicable				
Female					
Others					

Details of UGC Human Resource Development Centre, If applicable – NA

Year of Establishment	Not Applicable
Number of UGC Orientation Programmes	
Number of UGC Refresher Course	
Number of University's own Programmes	
Total Number of Programmes Conducted (last five years)	

3. Extended Profile of the University

1. Programme

1.1 Number of Programmes offered year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	88	85	79	78	73

1.2 Number of departments offering academic programmes: 25

2. Student:

2.1 Number of Students year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	6521	6277	6046	5522	4856

2.2 Number of outgoing / final year students year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	2154	1942	1706	1511	1375

2.3 Number of students appeared in the University examination year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	6492	6200	6031	5484	4771

2.4 Number of revaluation applications year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	24	18	32	11	52

3. Academic:

3.1 Number of courses in all programmes year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	2221	2187	1910	1741	1442

3.2 Number of full time teachers year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	363	357	386	384	351

3.3 Number of sanctioned posts year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	363	357	386	384	351

4. Institution:

4.1 Number of eligible applications received for admission to all programmes year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	7344	6561	7998	7504	6029

4.2 Number of seats earmarked for reserved category as per GOI / State Govt. rules year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	1683	1538	1587	1676	1373

4.3 Total number of Classrooms and seminar halls:158 (152+6)

4.4 Total number of Computers in the campus for academic purpose: 1687

4.5 Total Expenditure excluding salary year wise for last five years

Year	2019 - 2020	2018 - 2019	2017 - 2018	2016 – 2017	2015 – 2016
Number	1922	1497	1412	1375	1314

4. Quality Indicator Framework (QIF)

Criterion I– Curricular Aspects (150)

Key Indicator – 1.1 Curriculum Design and Development (50)

Metric No.		Weightage
1.1.1 Q_IM	***Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University*** Karpagam Academy of Higher Education (KAHE) ensures that the programmes offered and the curricula developed are relevant to the local, regional, national and global needs. The Curriculum Development Cell (CDC) and relevant departments carryout 'need analysis' based on the requirements of industry, society and employers. The departments consult external subject experts, industries and employers and their views are considered while designing the curriculum. Also, equal care is taken to incorporate the guidelines given by various relevant regulatory bodies such as UGC, AICTE, Council of Architecture and Pharmacy Council of India while designing the curriculum. In the normal course, the curriculum is designed for the entire study period prescribed for the program. CDC provides a structural framework for designing of curriculum. The structural framework specifies Bloom's Taxonomy of Educational Objectives namely 'remember', 'understand', 'apply', 'analyze', 'evaluate' and 'create'. The institution is located in Coimbatore which is a major industrial, health care, information technology and education hub with more than 25000 small, medium and large-scale industries which largely require manufacturing, assembly, and testing skills. Hence, these skills are given much emphasis besides technical knowledge while designing the curriculum for Mechanical and Electrical and Electronics Engineering. The Health Care Sector is next to the manufacturing sector. There are more than 750 hospitals and 5 Medical colleges with an intake of over 5000 beds in the city. The hospitals, clinics and diagnostic centres provide health care services from primary to quaternary levels. The programmes of Life Science and Pharmacy focus more on researches related to drug discovery for the deadliest diseases	**20**

	like Cancer and Diabetics. Similarly the Department of Bio-Medical Engineering provides technological support to Health Care industry. With many multinational companies and more than 80 IT companies have their base at Coimbatore, Information Technology becomes the third most dominant industry. Keeping in mind their requirements as well as the global development, the curriculum of Computer Science programmes are developed with special focus laid on Artificial Intelligence (AI), Machine Learning (ML), Cyber Security, Big-data and Block-chain system.The curriculum of Architecture covers different styles from traditional architecture to modern architecture. The institution has taken efforts and designed industry specific curriculum in association with TCS for B.Com (Business Process Services) and B.Sc. Computer Science with Cognitive Systems. The individual programmes and courses have well defined Programme Educational Objectives (PEOs), Programme Outcomes (POS), Programme Specific Outcomes (PSO), Course Objectives and Course Outcomes. Curriculum development and approval involve deliberations at various levels. The draft curriculum is placed before the Board of Studies which comprise of members representing industries, external subject experts and alumni and the recommendations are forwarded to the Academic Council and Board of Management for their final approval. The approved curriculum is implemented with letter and spirit. The curriculum is evaluated in terms of attainment of course outcome and basing on the evaluation outcome, curriculum is subsequently revised, if necessary. **475 words** **File Description** • Upload Additional Information • Link for Additional Information	
1.1.2 **Q_nM**	***Percentage of Programmes where syllabus revision was carried out during the last five years*** 1.1.2.1 : How many Programmes were revised out of total numberofProgrammes offered during the last fiveyears 92 1.1.2.2 : Number of all Programmes offered by the institution during the last five years 92 Data Requirement for last five years: (As per Data Template)	**20**

- Programme Code
- Names of the ProgrammeRevised

Formula:

$$\frac{\text{Number of Programmes in which syllabus was revised during the last five years}}{\text{Number of Programmesofferedbythe institution during the last five years}} \times 100$$

= 92/92*100= 100%

File Description(Upload)

- Minutes of relevant Academic Council/BOS meeting Any additional information
- Details of Programme syllabus revision in last 5 years (DataTemplate)

1.1.3 **10**

Q_nM

Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University

1.1.3.1 : Number of courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
No of courses focusing on employability/ skill development	2089	2069	1828	1631	1265
Total No of Courses	2221	2187	1910	1741	1442

Data Requirement for last five years: (As per Data Template)

- Name of the Course with Code
- Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
- Name of the Programme

Formula:

$$\frac{\text{Number of courses having focus on employability or entrepreneurship or skill development}}{\text{Number of courses in all Programmes}} \times 100$$

=(94.05%+94.60%+95.70%+93.68%+87.72%)

=465.21

	Average percentage = $\frac{\sum \text{Percentage per year}}{5}$ **=465.21/5=93.04%** **File Description (Upload)** • Any additional information • Programme/ Curriculum/ Syllabus of the courses (1/6, 2/6,3/6,4/6,5/6,6/6) • Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses • MoU's with relevant organizations for these courses,ifany • Average percentage of courses having focus on employability/ entrepreneurship (DataTemplate)	

Key Indicator – 1.2 Academic Flexibility (50)

Metric No.		Weightage
1.2.1 **Q_nM**	***Percentage of new courses introduced of the total number of courses across all programs offered during the last five years*** 1.2.1 : How many new courses were introduced within the last five years? **3249** 1.2.1.: Number of courses offered by the institution across all Programmes during the last five years **9501** Data Requirement for last five years: (As per Data Template) • Name of the new course introduced • Name of the Programme Formula: $\frac{\textbf{Number of new courses introduced during the last five years}}{\textbf{Number of courses offered during the last five years}} \text{X}\mathbf{100}$	**30**

Year	2019-20	2018-19	2017-18	201617	2015-16
No of New courses introduced	329	724	999	777	420
Total No of Courses	2221	2187	1910	1741	1442

= 3249/9501*100= 34.19 %

File Description (Upload)
- Minutes of relevant Academic Council/BOS meeting
- Any additional information
- Institutional data in prescribed format (DataTemplate)

1.2.2 **Q_nM**	***Percentage of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented (Data for the latest completed academic year)*** 1.2.2.1 : Number of Programmes in which CBCS/ Electivecourse systemimplemented. **88** Data Requirements: (As per Data Template) • Names of all Programmes adoptingCBCS • Names of all Programmes adopting elective coursesystem Formula: $\frac{\text{Number of Programmes in which CBCS or elective course system implemented}}{\text{Total number of Programmes offered}}$ **X 100** **=88/88*100= 100%** **File Description (Upload)** • Any additionalinformation • Minutes of relevant Academic Council/ BOS meetings • Institutional data in prescribed format (DataTemplate)	

Metric No.	Key Indicator – 1.3 Curriculum Enrichment (30)	Weightages
1.3.1 **Q_lM**	***Institution integrates crosscutting issues relevant to Professional Ethics,Gender, Human Values,Environment and Sustainability into the Curriculum*** The cross cutting issues such as gender sensitivity, environment and sustainability, human values and professional ethics, are incorporated in the curriculum of under-graduate and post-graduate programmesthereby leading to the holistic development of students. **1.Gender Sensitivity** Gender inequality refers to unequal treatment or perceptions of individuals based on their gender which has arisen due to differences in socially constructed gender roles. Institution has taken the following steps to achieve gender sensitivity. i. The teaching and non-teaching faculty members are given gender sensitivity education during Faculty Empowerment	**5**

Programmes which enable them to develop the desirable attitude based on mutual respect and trust between male and female students.

ii. Teachers ensure unbiased participation of both gender in the learning process such as field work and internships.

iii. Both genders are given equal opportunity to take part in sports and games and to represent the Institution at the national and international levels.

iv. Similarly, in cultural activities, both equally participate and exhibit their talents.

2. Human Values

A course on "Human Values" which deals with the quality of honesty, sincerity, kindness and commitment is included in the Curriculum.These values are imbibed on students by involving them in various welfare related extension activities.

3. Professional Ethics

A separate course on "Professional Ethics" is included in the Curriculum of Pharmacy, Engineeringand integrated in other programmes of Arts and Science.A hand book on Human Values and Professional Ethics has been published by the institution for the benefit of students.

4. Environment Studies

Environment Education helps students to understand how their decisions and actions affect the environment, builds knowledge and skills to address complex environmental issues as well as to take action in keeping the environment healthy and sustainable for the future generations.

A course on Environmental Studies is included in all under graduate programmes. Certain specific courses such as Design of Environmental Engineering Structure, Environmental Geo Technology, Environmental Quality Monitoring, Environmental Health and Safety in industries are also included in the curriculum of Engineering programmes. To sensitize students on environment issues seminars, workshops and guest lectures are organized periodically.

Besides, integrating above social issues into the curriculum the institution through its NSS organizes camps stressing the need for environmental protection among the public in the adopted villages and also celebrates Environment Protection Day. Similarly, to make understand the significance of human values, students are taken to places to help the people affected by natural calamities. One of the major social issues undertaken by NSS is gender sensitivity

whichincluded a specific programme on Educating the Girl Children against Child Abuse in adopted villages.

The Institution has integrated these cross-cutting issues consciously with the objective of making students as a responsible and a socially sensitive citizens, besides making them knowledgeable and intelligent in their respective specializations.

462words

File Description (Upload)

- Any additional information
- Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into theCurriculum

1.3.2

Q_nM

Number of value-added courses for imparting transferable and life skills offered during last five years

10

1.3.2.1 : How many new value-added courses are added within the last 5 years

252 Value added courses offered during last 5 years

Data Requirement for last five years: (As per Data Template)

- Names of the value-added courses with 30 or more contact hours
- No. of times offered during the same year
- Total no. of students completing the course in the year

File Description (Upload)

- Any additional information
- Brochure or any otherdocument relating to value added courses
- List of value-added courses (Data Template)

1.3.3

Q_nM

Average Percentage of students enrolled in the courses under 1.3.2 above

10

1.3.3.1:Number of students enrolled in value-added courses imparting transferable and life skills offered year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	5568	4699	4324	4574	2982

Data Requirement for last five years: (As per Data Template)

- Names of the value-added courses with 30 or more contact hours
- No. of times offered during the same year
- Total no. of students completing the course in the year

Year	2019-20	2018-19	2017-18	2016-17	2015-16
No. of Students Enrolled	6521	6277	6046	5522	4856

Formula:

$$\frac{\text{Number of students enrolled in the courses during the last five years}}{\text{Number of students}} \times 100$$

= (5568/6521+ 4699/6277+4324/6046+4574/5522+2982/4856) *100= 380.71

85.38+74.86+71.51+82.83+61.40= 375.98

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

375.98/5= 75.20 %

File Description (Upload)

- Any additional information
- List of students enrolled

1.3.4

Q_nM

Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year)

.3.4.1 :Number of students undertaking field project or research projects or internships

Data Requirements: (As per DataTemplate)

- Names of the Programme
- No. of students undertaking field projects /research projects/ internships

Formula:

$$\frac{\text{Number of students undertaking field projects or research projects or internships}}{\text{Total number of students}} \times 100$$

= (4782/6521)*100=73.33%

File Description (Upload)

- Any additional information
- List of Programmes and number of students undertaking field projects research projects/ / internships (DataTemplate)

5

1.4.1 **Q_nM**	***Structured feedback for design and review of syllabus – semester wise / year wise is received from*** 1) Students, 2) Teachers, 3) Employers, 4) Alumni **Options:** **A. All 4 of the above** B. Any 3 of the above **C.** Any 2 of the above **Opt one** D. Any 1 of the above E. None of the above **Answer A.** Data Requirements: (As per Data Template) Report of analysis of feedback received from different stakeholders year wise **File Description** • URL for stakeholder feedback report • Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) • Any additional information(Upload)	**10**
1.4.2 **Q_nM**	***Feedback processes of the institution may be classified as follows:*** **A. Feedback collected, analysed and action taken and feedback available on website** B. Feedback collected, analysed and action has been taken C. Feedback collected and analysed D. Feedback collected **E.** Feedback not collected **Opt one** **Answer A** Documents: Upload Stakeholder feedback report, Action taken report of the university on it as stated in the minutes of the Governing Council, Syndicate, Board of Management **File Description** • Upload any additional information • URL for feedback report	**10**

Criterion II – Teaching-Learning and Evaluation (200)

Key Indicator - 2.1 Student Enrolment and Profile (10)

<table>
<tr><th>Metric No.</th><th></th><th>Weightage</th></tr>
<tr><td>2.1.1

QnM</td><td>

Demand Ratio (Average of last five years)

2.1.1.1: Number of seats available year wise during the last five years.

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number of application received	7344	6561	7993	7504	6029
Seats Available	2440	2230	2268	2400	1970

Data Requirement for last five years: (As per Data Template)

- Number of seats available in all the Programmes
- Total number of eligible applications received
- Total number of Seats filled against sanctioned seats

Formula:

$$\frac{\textbf{Number of eligible applications received}}{\textbf{Number of seats available}} = \textbf{Ratio Per Year}$$

$$\textbf{Average Ratio} = \frac{\sum \textbf{Ratio per Year}}{5} = 15.67 / 5 = 3.13$$

File Description (Upload)

- Any additional information
- Demand Ratio (Average of Last five years) based on Data Template upload the document

</td><td>5</td></tr>
<tr><td>2.1.2

QnM</td><td>

Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years(Excluding Supernumerary Seats)

2.1.2.1: Number of actual students admitted from the reserved categories year wise during the last five years

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number	1428	1289	1362	1388	1147
Earmarked	1683	1538	1587	1676	1373
	84.8	83.8	85.8	82.8	83.5

Data Requirement for last five years: (As per Data Template)

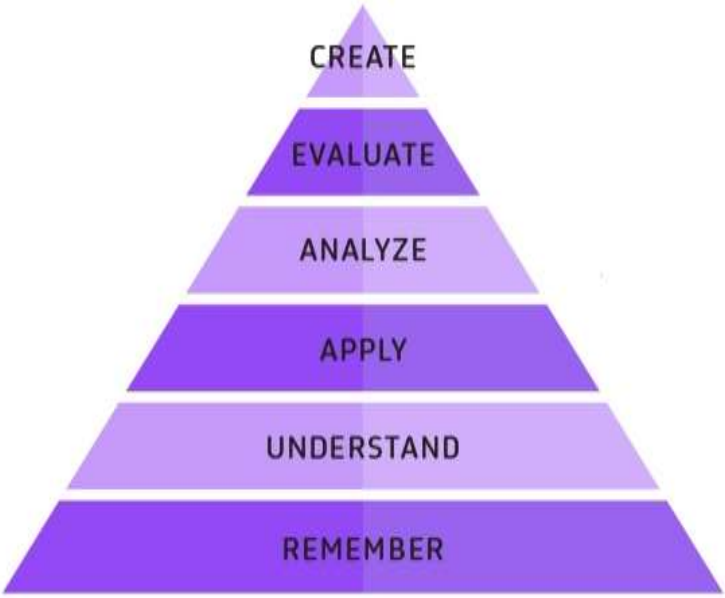
- Number of students admitted from the reserved category
- Total number of seats earmarked for reserved category as per GOI or State Government rule

</td><td>5</td></tr>
</table>

	Formula: $$\text{Percentage per year} = \frac{\text{Actual number of students admitted from the reserved categories}}{\text{Number of seats earmarked for reserved category as per GOI or State Government rule}} \text{X } 100$$ Average percentage = $\frac{\sum \text{Percentage per year}}{5}$ = 420.7 / 5 =**84.14%** **File Description (Upload)** • Any additional information • Average percentage of seats filled against seats reserved (Data Template)	

Key Indicator - 2.2 Catering to Student Diversity (20)

Metric No.		Weightage
2.2.1 **Q_lM**	***The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners.*** Write description in maximum of 500 words. Assessing the learning levels of students is the primary objective of any teacher to ensure that the students attain intended learning outcomes or not. KAHE assesses the learning levels of the students based on Bloom's Taxonomy. **Levels of Learning in Bloom's Taxonomy**	**10**



Learning Level 1: Remembering
At the first level, students memorize some concepts, ideas, facts and then they are asked to define, recall and reproduce. A basic way to test learning on this level is simple or multiple choice questions.

Level 2: Understanding

At this level, the studentsare asked to explain ideas and concepts to demonstrate comprehension of the material.

The students of computer science, for instance, are asked to explain ideas through questions like"Explain the following code in plain English". Students are now able to ***understand***and explainthe concepts they have learned.

Level 3: Applying

The students will be asked to apply the concepts to new situations to solve a problem.

Again, the same studentsare driven to ***apply***what they have learned, which make them for example**to write a computer program** during practical sessions.

Level 4: Analysing

At this level, the students are motivated to analyse the concepts and to draw connections between ideas.

Now students are able to ***analyse*** the concepts and differentiate their ideas to break a programming task into its component parts, organize them to achieve an overall objective.

Level 5: Evaluating

At this level, the students make an intellectual judgment about the value of the material which include finding an effective solution to a problem.

The students are assigned to do a mini project and ***evaluating*** a module for software application developed by them.

Level 6: Creating

At this level, the students demonstrate full knowledge and create something on their own either tangible or conceptual.

The students of Computer Science are asked to ***Create***a software for a particular application as a part of their project work.

Assessing the Learning Levels:

Basingon the assessment, students are classified as Slow learners and Advanced learners. Students who complete first two levels are considered as Slow Learners and who complete all the six levels are considered as Advanced Learners and accordingly special programmers are organized for them.

- **Special programmes for Slow Learners**
  - Remedial classes are conducted and their progress is monitored regularly.
  - Special tutoring is being done.
  - Assignments on important topics are given.
  - Motivated to participate actively in the class-room discussion.

- **Special Programmes for Advanced Learners**
  - Present papers in the Seminars / conferences organized by other institutions.
  - Submit assignments on advanced topics.
  - Make poster presentations at national level competitions.
  - Take up mini projects and publish papers.
  - Hands-on training on sophisticated instruments
  - Motivate to participate in competitive examinations like GATE, GMAT, TANCET,CSIR-NET, Civil Servicesetc.
  - Encourage to register for NPTEL / SWAYAM Courses.

Experience has shown that special programs organized for slow and advance learners help them to move on to the higher-level of learningas enunciated in Bloom's Taxonomy.

500 words

	File Description • Paste link for additional information • Upload Any additional information	
2.2.2 **Q_nM**	***Student - Full time teacher ratio (Data for the latest completed academic year)*** Data Requirement: • Total number of students enrolled in the institution • Total number of full time teachers in the institution Formula: Students **:**Teachers **6521 :363** **18 : 1** **File Description (Upload)** • Any additional information	**10**

Key Indicator - 2.3 Teaching - Learning Process (20)

Metric No.		Weightage
2.3.1 **Q_lM**	***Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences*** Write description in maximum of 500 words. The student centric methods such as experiential learning, participative learning and problem-solving methodologies are adopted to enhance teaching-learning process. **Experiential Learning** Experiential learning is a method to match learning with the practical application to gain knowledge and acquire skills at the sametime. Experiential learning is adopted, for instance, in the Faculty of Architecture where students are taken to places of architectural valueand the students document their observations, thereby get real time experience. Similarly students of life sciences, basic sciences and pharmacy are sent to various clinical and biotechnological laboratories, chemical industries and institutions of national importance to get experiential learning. Again, the students of the Department of Electrical and Electronics Engineering have experiential learning in Renewable Energy by harnessing solar energy using single solar cell where Sun radiation is available so that knowledge of photo-voltaic characteristicsare learnt with the help of real time data.The students of Civil Engineeringare taken to the field to study, observe and do soil testing, concrete cube testing and pipe pressure testing in the Government and non-government projects by the faculty members who are the Government Certified Engineers, thereby students get experiential learning. **Participative Learning** All the Departments follow participative learning methods such	**6**

	as Group discussion, Role Play, Seminars to ensure that learners actively participate in their learning process. For instance, the Department of Commerce and Management provide salesmanship training to students by adopting Role Play Method. Role play removes inhibitions and shyness and increases the self-confidence among the students. The students of Engineering take group projects so that they can interact with each other and collectively complete the project. 'Pitch your Idea' is another major event conducted by the Faculty of Engineering to make the students to come out with new innovative ideas and the best team/ students are awarded prizes and certificates. **Problem Solving Methods** Problem Solving Method of teaching is adopted in Engineering, Science and Management disciplines.Through the Institution Innovation Cell (IIC) which is approved by Government of India, a number of activities are conducted to enhance the problem-solving skills of the students. Further,the students of ECE developed sensor-based sanitizer equipment, Automobile Engineering developed a battery car, EEE assembled LED lights and Civil Engineering upgraded the Sewage Treatment Plant (STP). Similarly, the students of Life Sciences undertake a number of innovative projects like finding out a mechanism for waste water treatment, increasing the efficiency of various biological product developments and increasing the productivity of vermicomposting. Similarly, the Department ofCommerce and Management adopt 'Case Study Method' where specific business / finance cases are discussed by the students and possible solutions to the problems arrived at. All these involve problem-solving method of teaching. These Student Centric Methods create a strong impact on the minds of learners to know, understand and perform the concepts they have learned and enhance their learning experience. **474 words** **File Description** • Upload any additional information • Link for Additional Information	
2.3.2 **Q_lM**	**Teachers use ICT enabled tools including online resources for effective teaching and learning processes** Write description in maximum of 500 words. The following ICT Tools including online resources are used by the faculty for effective teaching and learning process. 1. **SWAYAM/NPTEL/MOOCs** Recorded lectures from NPTEL / SWAYAM are provided to the students in the class room.Faculty members and students are encouraged to do courses from SWAYAM/NPTEL platform. To	**6**

those who have completed the courses successfully, their Examination Fees is reimbursed. So far 245 certifications were received by the faculty members and 500 by students in NPTEL/SWAYAM.

2. **Institution Learning Management System (ILMS) / Moodle**
   Learning materials for 2970 courses including Question Bank and MCQs are available in the ILMS and are shared to the students.

3. **Google Class Room**
   Classrooms are created in the Google Class room platform and the students join these classes. The learning materials and PPTs are shared to the students through these classes. Online assignments and tests are conducted and evaluated. The students get their results immediately once the faculty member awards the marks.

4. **Social Media (Mobile networks and YouTube)**
   To send the information or learning materials fast, Social Networks like WhatsApp is largely used. In each class, students themselves create WhatsApp groups for interactions relating to academic and co-curricular matters. Faculty members have created and uploaded 62 video lecture episodes on various subjects in YouTube.

5. **SMART Board**
   To enable the visualized learning and understanding of the subjects, smart boards are used to teach subjects by integrating materials like text, videos, websites etc. It provides students with an enriched learning experience by projecting visual elements and students find them more interesting to learn.

6. **Wi-Fi / LAN Network**
   The Institution has 1 Gbps Wi-Fi connectivity to make the students and teachers comfortable in using all the online services to enrich their skill set.

   The entire campus is connected through 1 Gbps LAN for various services like file / information sharing, use of web through internet and to connect various shared resources like printers, scanners and multimedia.

7. **Media Center**
   The Institution has an 360°studio with all the high-end capturing devices and software for recording video lectures. So far 62 video lectures are produced and two proposals were sent to e-pathshala, out of which one has been accepted. Two proposals each were sent to Consortium For Educational Communication

	(CEC) and UGC MOOCs (SWAYAM). Teachers access to online resources over and above the book materials and this help them to improve their performance and students' achievement. Teachers use ICT for effective curriculum delivery by planning, preparing presentations, assessment and tracking students' progress. ICT has a positive impact on pedagogy and increases its effectiveness. It leads to active learning, productivity, self-confidence, enthusiasm and higher level thinking among learners. On-line learning has emerged as a revolutionary initiative during the Covid-19 pandemic situation. The digital initiatives like SWAYAM, SWAYAM Prabha, e-PG Pathshala and MOOCs Portal became popular for online classes and for their utility in blended mode of teaching. Institution is taking all efforts to sustain the momentum generated during pandemic for online classes. **487 words** **File Description** • Upload any additional information • Provide link for webpage describing the " LMS/ Academic Management System"	
2.3.3 **Q_nM**	***Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year data)*** 2.3.3.1: Number of mentors Number of students assigned to each Mentor Formula: Mentor : Mentee **363 : 6521** **1 :18** **File Description** • Upload year wise, number of students enrolled and full time teachers on roll • Circulars pertaining to assigning mentors to mentees • mentor/mentee ratio	**8**

Key Indicator - 2.4 Teacher Profile and Quality (50)

Metric No.		Weightage
2.4.1 **Q_nM**	***Average percentage of full time teachers against sanctioned posts during the last five years*** Data Requirement for last five years: (As per Data Template) • Number of full time teachers	**15**

- Number of sanctioned posts

Formula:

Percentage per year = $\frac{\textbf{Number of full time teachers}}{\textbf{Number of sanctioned posts}} \text{ X } \mathbf{100}$

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number of Full time Faculty Members	363	357	386	384	351
Sanctioned Post	363	357	386	384	351
Percentage	100	100	100	100	100

Average percentage = $\frac{\sum \text{Percentage per year}}{5}$ = **100**

File Description (Upload)

- Year wise full time teachers and sanctioned posts for 5 years (Data Template)
- Any additional information
- List of the faculty members authenticated by the Head of HEI

2.4.2

Q_nM

Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.BSuperspeciality/D.Sc./D'Lit. during the last five years

2.4.2.1: Number of full time teachers with ***Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.*** year wise during the last five years

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Ph.D. Holders	193	188	164	152	126
Number Full Time Teachers	363	357	386	384	351
Percentage	53.2	52.7	42.5	39.6	35.9

15

Data Requirement for last five years: (As per Data Template)

- Number of full time teachers with ***Ph.D./D.M/M.Ch./D.N.BSuperspeciality/D.Sc./D'Lit.***
- Total number of full time teachers

Formula:

Percentage per year =

$$\frac{\textbf{Number of full time teachers } \textit{with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit.}}{\textbf{Number of full time teachers}} \text{ X } \mathbf{100}$$

Average percentage = $\frac{\sum \text{Percentage per year}}{5}$ = 222.8/5 = **44.8**

File Description (Upload)

- Any additional information
- List of number of full time teachers with ***Ph.D./D.M/M.Ch./D.N.BSuperspeciality/D.Sc./D'Lit.*** and number of full time teachers for 5 years (Data Template)

2.4.3

Q_nM

Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

2.4.3.1: Total experience of full-time teachers

Data Requirements: (As per Data Template)

- Name and Number of full time teachers with years of teaching experiences

Formula**:**

$$\frac{\text{Sum of total experience of full time teachers in the same institution}}{\text{Number of full time teachers}}$$

= 1463.3/363 = 4.03 Years

File Description (Upload)

- Any additional information
- List of Teachers including their PAN, designation, dept and experience details (Data Template)

10

2.4.4

Q_nM

Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

2.4.4.1: Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years.

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number	60	52	43	40	32

Data Requirement for last five years: (As per Data Template)

- Number of full-time teachers receiving awards from State, National, International level
- Number of full-time teachers

Formula:

$$\frac{\text{Number of full time teachers receiving awards from statelevel, nationallevel, internationallevel during the last five years}}{\text{Average number of full time teachers during the last five years}} \text{ X } 100$$

10

	= 227 / 368 = 62% **File Description (Upload)** • Institutional data in prescribed format (Data Template) • Any additional information • e-copies of award letters (scanned or soft copy)	

Key Indicator - 2.5 Evaluation Process and Reforms (40)

Metric No.		Weightage
2.5.1 **Q_nM**	***Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years*** 2.5.1.1: Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years **Year** | 2019-2020 | 2018-2019 | 2017-2018 | 2016-2017 | 2015-2016 **Number of days** | 11.70 | 12.3 | 12.5 | 12.7 | 13.5 **Answer – 12.54 Days** Data Requirements for last five years: (As per Data Template) • Semester wise/ year wise • Last date of the last semester-end/ year- end examination • Date of declaration of results of semester-end/ year- end examination • Number of days taken for declaration of the results • Average number of days for declaration of results during the last five years **File Description (Upload)** • Any additional information • List of Programmes and date of last semester and date of declaration of results (Data Template)	**15**
2.5.2 **Q_nM**	***Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years*** 2.5.2.1: Number of complaints/grievances about evaluation year wise during the last five years **Year** | 2019-2020 | 2018-2019 | 2017-2018 | 2016-2017 | 2015-2016 **Number** | 24 | 18 | 32 | 11 | 52 Data Requirement for last five years: • Number of complaints/grievances about evaluation • Total number of students appeared in the examinations	**10**

	Formula: Percentage per year = $\frac{\text{Number of complaints or grievances about evaluation}}{\text{Number of students appeared in the examination}} \text{ X } 100$ Average percentage = $\frac{\sum \text{Percentage per year}}{5}$ = **0.5%** **File Description (Upload)** • Any additional information • Number of complaints and total number of students appeared year wise	
2.5.3 **QlM**	***IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution*** Write description in maximum of 500 words. **IT integration** is made in the examination system and procedures in the following domains. - Self-registration by students for examinations. - Payment of examinations fees. - Transfer of Continuous Internal Assessment marks to Examination Section. - Generation of Hall Tickets. - Generation of Examination Time-table. - Depository of list of question paper setters and examiners. - Appointment of question paper setters and examiners. - Allotment of students for examination for each hall. - Examination for Part A as it is of objective type. - Processing of Results. - Publication of Results. - Printing of Mark Statements. - Printing of Provisional / Degree Certificates. - Preparation of Statistical Reports pertaining to examination. - Security features in Mark Statements / Certificates. - Moderation of marks on recommendation of Passing Board. - Results published in the Institution website. - Ph.D. / M.Phil. thesis evaluation and getting report from examiners. - Payment of remuneration to invigilators and examiners. - Barcoding system in evaluation. - Ph.D. viva-voce through video-conferencing.	**10**

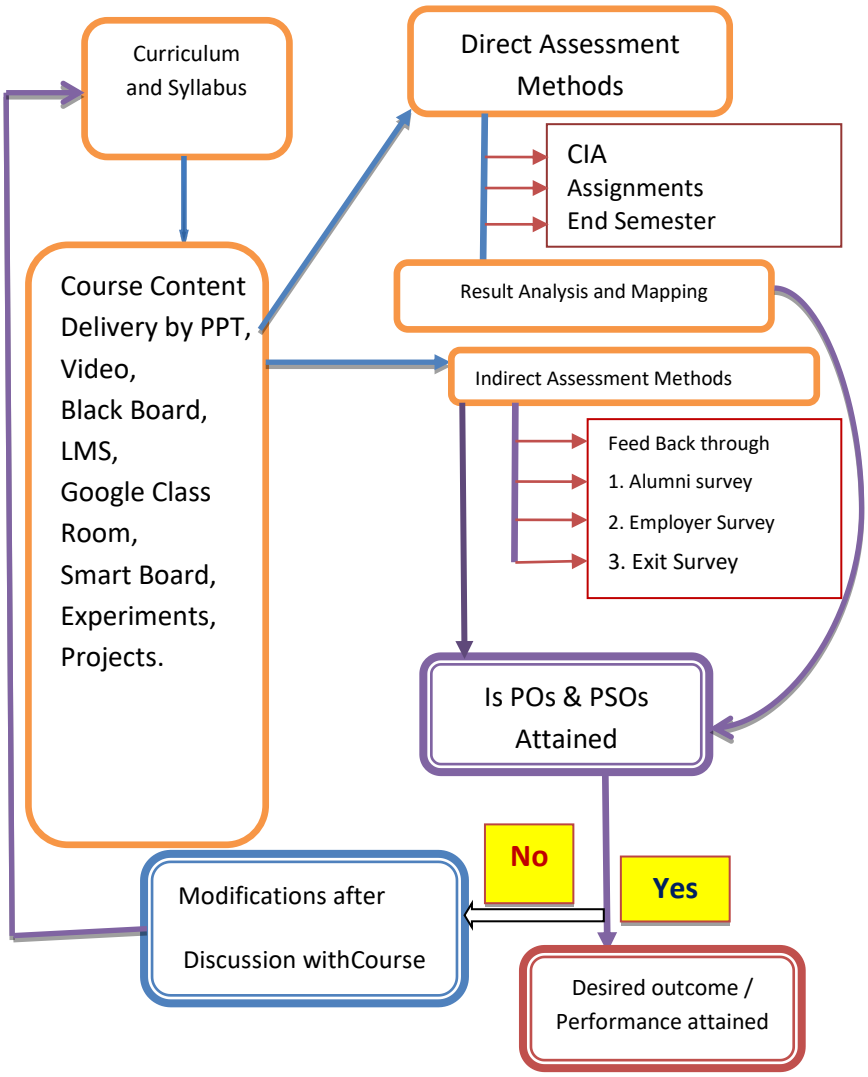
	Examination Reforms: - Arrear examinations conducted during weekends from the beginning of subsequent semester to avoid exam pressure on students, if arrear exam is taken along with ESE. - All functions of Examination Section automated which helped the authenticity and fool-proof of the system and quick declaration of results and issue of mark statements. - Digi Locker facility initiated.When it becomes fully operational, the students / employers will be able to download the certificates / mark statements through prescribed procedure on payment of nominal fee. **Improvement in the Examination Management System through IT integration:** Information Technology integration have brought in considerable improvement in the Examination Management System of the Institution. IT enabled system makes easy to keep track of year-wise number of applications, results, revaluation details and the performance of the students. Under the Digi Locker System, the employers may be comfortable to verify the genuineness of the certificates issued and it relieves the students from the strain of approaching the Institution to get authenticity of their mark statements / certificates. Authorized changes and modifications could be done at any point of time just altering that particular aspect alone without disturbing the other system. Any other additional information required also can be generated from the database. Above all the IT integration system becomes robust, transparent, quick and authentic. These help the Institution to increase the reputation and image among the public. Particularly during Covid-19 Pandemic, the Information Technology had played a major role in teaching-learning and evaluation system and has grown to its full proportion due to necessity. **423 words** **File Description (Upload)** - Any additional information - Year wise number of applications, students and revaluation cases	
2.5.4 **Q_nM**	***Status of automation of Examination division along with approved Examination Manual*** ***A. 100% automation of entire division & implementation of Examination Management System (EMS)*** *B. Only student registration, Hall ticket issue & Result Processing* *C. Only student registration and result processing* *D. Only result processing* *E. Only manual methodology*	**5**

	Option : A Data Requirements: (As per Data Template) **File Description (Upload)** • Current Manual of examination automation system • Annual reports of examination including the present status of automation • Current manual of examination automation system and Annual reports of examination including the present status of automation (Data Template) • Any additional information	

Key Indicator - 2.6 Student Performance and Learning Outcomes (30)

Metric No.		Weightage
2.6.1 **QlM**	***The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents*** Write description in maximum of 500 words Institution follows Learning Outcomes-based Curriculum Framework (LOCF) while designing curriculum under which the 'desired outcome' is defined within the Framework of Choice Based Credit System (CBCS). The Programme Objectives, Programme Outcomes and Programme Specific Outcomes of all its 84 academic programmes and again Course Objectives and Course Outcomes of its 2170 courses have been clearly spelt out. Learning outcomes comprising of generic, specific outcomes and graduate attributes offer a framework for planning and evaluating learning outcomes of the programmes offered by the Institution. Components of Generic Learning Outcome. **Knowledge and Understanding** - Knowing about something - Learning facts - Making sense of something - Deepening understanding - Learning how it operates / functions - Making links and relationships between things **Skill** - Knowing how to do something - Being able to do new things	**10**

	- Intellectual Skills - Information Management Skills - Social Skills - Communication skills - Physical skills **Graduate Attributes** - Attitudes - Values - Tolerance - Empathy - Motivation - Creativity - Innovative thoughts - Change in behavior **Assessment Methods** Programme outcomes and course outcomes are measured both directly and indirectly. Direct assessments involve from the direct examination of student knowledge against measurable learning outcomes. Direct assessments for getting Programme Outcomes are: Internal Exams (CIAs), Assignments, Projects and Seminar Presentations. The Indirect Methods for attaining programme outcomes are Alumni Survey, Employer Survey and Exit Survey.The assessment of graduate attributes such as attitudes, values, happiness, creativity and behavioral modification are made in oral examination, and their behavior while working in a team and during group discussion.	



KAHE ensures that Programme Outcomes, Programme Specific Outcomes and Course Outcomes are intelligently interconnected, integrated and intertwined with assessment methods, so that whether 'desired outcome' is attained or not or modification, if any, is required would be decided.

The programme objectives, outcome and the assessment process are widely published in the institution website and through other modes such as

1. Faculty Orientation Programmes
2. Induction Programme of first year students
3. Mentor-Mentee Meetings

Due to wide publicity, the stakeholders are able to have clear idea about the programme and the parents can have better insight about the programme outcome before admitting their wards to the particular programme.

432 words

	File Description • Upload any additional information • Paste link for Additional Information • Upload COs for all courses (exemplars from Glossary)	

2.6.2 **QlM**	***Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution*** Write description in maximum of 500 words Programme outcomes for each programme are mapped with course outcome to ensure that the programme outcomes are achieved through the courses offered. The process of evaluation of attainment of learning outcome with an example of a course from B.Com (CA) is given below. ***OBE Explanation for B.Com (CA)*** Institution Name : KAHE Programme Name : B.Com. (CA) Programme Educational Objectives (PEOs) at 2025 (After graduation) PEO1: Accountancy domain in public practice PEO2: Leadership skills to excel in their profession PEO3: Life long learning: human values & ethics Programme Outcomes (a) Computing specialization (b) Solve complex problems (c) Design and evaluate solutions . . (n) Individual leader Graduate Attributes (a) Accounting Knowledge (b) Problem Analysis (c) Modern Tool Usage . . (n) Innovation & Entrepreneurship Course Outcomes: Accounting & Financial Management (a) Apply Financial Statement Analysis for the given Balance sheet (Apply) (b) Summarize the concepts of Financial Planning (Understand) (c) ***OBE Mapping***	**10**

Program Outcomes (POs)	
PO1	Computing specialization
PO2	Solve complex problems
PO3	Design and evaluate solutions

Graduate Attributes(GAs)	
GA1	Accounting Knowledge
GA2	Problem Analysis
GA3	Modern Tool Usage

Course Outcomes: Accounting & Financial Management	
CO1	Apply Financial Statement Analysis for the given Balance sheet (Apply)
CO2	Summarize the concepts of Financial Planning (Understand)
CO3	….

A/c & Fin. Mgmt.		PO1	PO2
CO1	Apply (60%)	S	M
CO2	Understand (75%)	S	L
CO3	Remember (80%)	S	L

PO – GA Map		GA1	GA2	GA3
PO1	75%	✓		✓
PO2	15%		✓	
PO3	10%	✓		✓

OBE PO – GA Mapping

PO – GA Mapping		***GA1:Accounting Knowledge***	***GA2: Problem Analysis***	***GA3:Modern Tool Usage***
PO1	Computing Specialization	✓		✓
PO2	Solve Complex Problems		✓	
PO3	Design and Evaluate Solution	✓		✓
PO4	------			

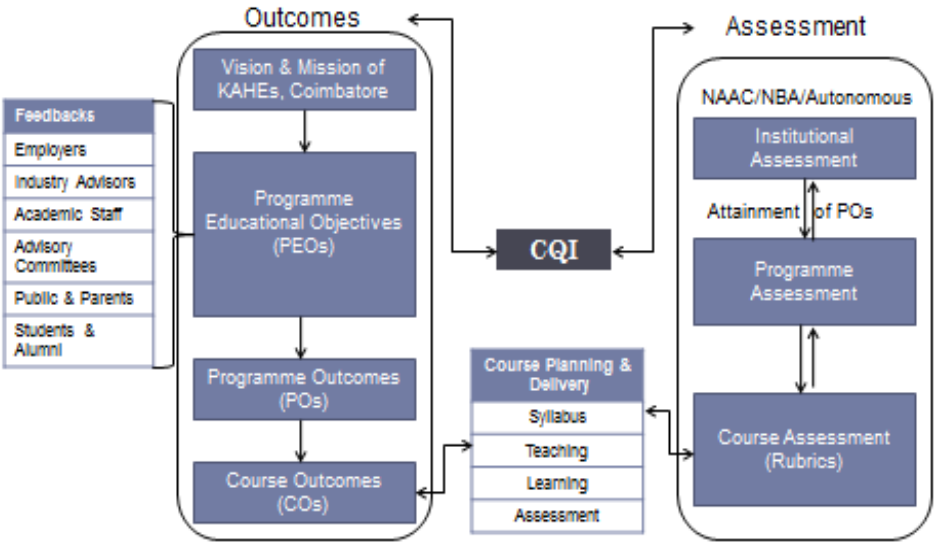
OBE Framework – B.Com. (CA)

OBE Expectations

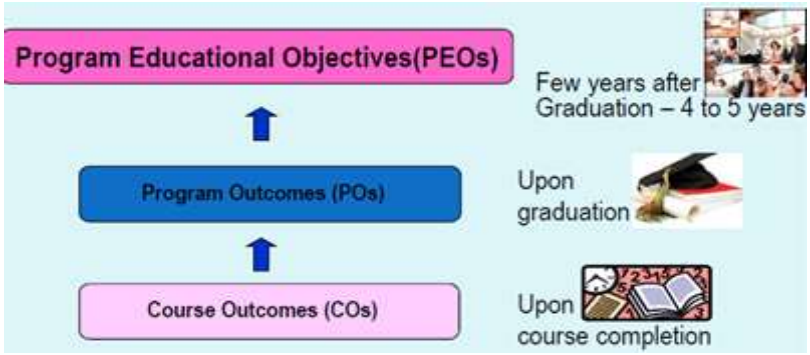
- The desired outcome is selected first and the curriculum, instructional materials and assessments are created to support the intended outcome.
- **Students should be able to:** write project proposals, analyze case studies, show their abilities to think, question, research, and make decisions based on the findings.
- **Students are to be:**creative, plan and organize tasks to work in a

team to propose solutions for problems and market their solutions

OBE Framework – B.Com. (CA)



When to Assess



At the end of each programme, the PO/ PSO assessment is done from the CO attainment of all curriculum components.

Course Components	Total Number of Credits	Curriculum Content (% of Total Number of Credits of the Program)	Total Number of Contact Hours	POs	PSOs
Basic Sciences	30	18.29	33	a,b,e,h,i	1
Engineering Sciences	23	14.02	29	a,b,c,d	1
Humanities and Social Sciences	06	3.66	07	f,h,i,j,k,l	1

Program Core	66	40.24	80	a,b,c,d ,e,f	1,2, 3
Program Electives	18	10.97	18	-	-
Open Electives	06	3.65	06	-	-
Project Work	15	9.14	30	i,j,k,l	2,3

a) Core Programme Knowledge
b) Problem Analysis
c) Design/development of solutions
d) Conduct investigations of complex problems
e) Modern tool usage
f) The engineer and the society
g) Environment and sustainability
h) Ethics
i) Individual and team work
j) Communication
k) Project management and finance
l) Lifelong learning

The institution has clearly drafted the programme outcome for each programme and evaluates the attainment of Programme Outcome and Course Outcome in terms of knowledge, skill and behavior acquired by the learners. Basing on the results of such analysis appropriate strategies are undertaken to modify the curriculum.

449words

File Description

- Upload any additional information
- Paste link for Additional Information

2.6.3

Q_nM

Average pass percentage of students

2.6.3.1: Total number of final year students who passed the university examination

2.6.3.2: Total number of final year students who appeared for the examination

Data Requirement: (As per Data Template)

- Programme Code
- Name of the Programme
- Number of students appeared
- Number of students passed
- Pass percentage

Formula:

$$\frac{\text{Total number of final year students who passed in the university examination}}{\text{Total number of final year students who appeared for the examination}} \text{ X } 100$$

= (2130 / 2185) = 97.48%

File Description

- Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)

10

	• Upload any additional information • Paste link for the annual report	

Key Indicator - 2.7 Student Satisfaction Survey (30)

Metric No.		Weightage
2.7.1 **Q_nM**	***Online student satisfaction survey regarding teaching learning process.*** **(Online survey to be conducted)** Data Requirements: (As per Data Template) • Name/ Class/ Gender • Student Id number/ Aadhar Id number • Mobile number • Email id • Degree Programme (Database of all currently enrolled students need to be prepared and shared with NAAC along with the online submission of QIF) **File Description** • Upload any additional information • Upload database of all currently enrolled students (Data Template)	**30**

Criterion III – Research, Innovations and Extension (250)

Key Indicator - 3.1 Promotion of Research and Facilities (20)

Metric No.		Weightage
3.1.1 Q_IM	***The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented*** Institution has formulated a well-defined Policy for Promotion of Research. 1. Research Advisory Committee has been constituted with four sub committees such as Research Project Evaluation Committee, Research Guides Recognition Committee and Institutional Academic Integrity Committee. 2. Seed money is provided to the faculty members to get the research initiated to facilitate the preparation of formal research proposal for funding 3. Institution bears the cost of filing the patent for innovation made by the faculty members through their research work 4. Cash incentive awarded to faculty members who publish research papers in SCOPUS / Web of Science / UGC CARE Journals. 5. Registration fee and travel expensesare provided to the faculty members to attend Seminars / Conferences. 6. University Research fellowships are given to the meritorious Research Scholars. 7. Sabbatical leave provided to the faculty to pursue PDF. The Institutionhas updated the following research facilities. **1. Advanced Battery Research Laboratory** The Laboratory is established exclusively to undertake research to design battery for two, three and four-wheeler electricvehicles. Latest Battery Testers has been imported at a cost of Rs.50 lakhs. **2. Drug Testing Laboratory** Drug Testing Laboratory has been established to provide testing support to the Departments of Pharmacy and Life Sciences which undertake research in drug discovery. Thelaboratory isapproved by the Director of Drugs Control.The laboratory has HPLC, UV-Visible Spectrophotometer, Dissolution Apparatus, Disintegration Apparatus, Deep Freezer. **3. Centre for Cancer Research** This is one more disease- specific research centre undertaking	2

research on various plant-based medicine to cure cancer. A 2000 sq.ft. clean room facilityhas been added. The laboratory has equipped with Fluorescence Microscope, CO_2 Incubator and Gel Documentation System.

4. **Water Testing Centre**
   The laboratoryhas been established to provide water testing services to various industries, institutions and individuals.

5. **Civil Construction Testing Centre**
   The Centre provides consultancy in the area of structural design, guidance related to building construction, road planning, documentation etc.Six Faculty members are Government Certified planners. Equipments such as Concrete Mixing Machine / Proving Ring 250 (KN) were added recently.

6. **Material Science Research Laboratory**

Material Science Research Laboratory consists of Corrosion Engineering Lab, Material Testing Lab and Functional Material Lab. The laboratory has equipment such as Universal Testing Machine, Micro Hardness Testing Machine, Hot Corrosion Furnace, Ball Mill, Hot Press, Vacuum Furnace and Inter-Granular Corrosion Testing Machine.

390words

File Description (Upload)

- Any additional information
- Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption
- URL of Policy document on promotion of research uploaded on website

3.1.2

Q_nM

The institution provides seed money to its teachers for research (average per year INR in Lakhs)

3

3.1.2.1: The amount of seed money provided by institution to its faculty year wise during the last five years (INR in lakhs)

Year	2019-20	2018-19	2017-18	2016-17	2015-16
INR in lakhs	47.99	46.40	44.39	40.13	49.64

Data Requirement for last five years: (As per Data Template)

- Name of the teacher getting seed money

- The amount of seed money
- Year of receiving grant

Formula:

$$\frac{\text{The amount of seed money provided by institution to its faculty in the last 5 years}}{5}$$

$$= \frac{228.55}{5} = 45.71$$

File Description (Upload)

- Any additional information
- Minutes of the relevant bodies of the University
- Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized
- List of teachers receiving grant and details of grant received (Data Template)

3.1.3

Q_nM

Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years

3

3.1.3.1: The number of teachers who received national/ international fellowship/financial support by various agencies for advanced studies / research year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number of teachers	64	8	4	70	5

151/368 =41.03%

Data Requirements for last five years: (As per Data Template)

- Name of the teacher received national/ international fellowship/financial support by various agencies for advanced studies / research
- Name of the award received
- Year received
- Awarding Agency

File Description (Upload)

- Any additional information
- e-copies of the award letters of the teachers
- List of teachers and their international fellowship details (Data Templates)

<table>
<tr>
<td>3.1.4

Q_nM</td>
<td>

Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years

3.1.4.1: The Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year wise during the last five years

<table>
<tr><td>Year</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td></tr>
<tr><td>Number</td><td>17</td><td>42</td><td>77</td><td>216</td><td>51</td></tr>
</table>

Answer – 403

Data Requirements for last five years: (As per Data Template)

- Name of Research fellow
- Year of enrolment
- Duration of fellowship
- Type of the fellowship
- Granting agency

File Description (Upload)

- Any additional information
- List of research fellows and their fellowship details (Data Template)

</td>
<td>4</td>
</tr>
<tr>
<td>3.1.5
Q_nM</td>
<td>

Institution has the following facilities to support research

1. ***Central Instrumentation Centre***
2. ***Animal House/Green House***
3. ***Museum***
4. ***Media laboratory/Studios***
5. ***Business Lab***
6. ***Research/Statistical Databases***
7. ***Mootcourt***
8. ***Theatre***
9. ***Art Gallery***

Options:

A. 4 or more of the above

B. 3 of the above

C. 2 of the above

D. 1 of the above

E. None of the above

Data Requirements:

- Name of the facility
- Year of establishment
- Geotagged pictures

File Description

- Paste link of videos and geotagged photographs
- Upload the list of facilities provided by the university and their year of establishment
- Upload any additional information

</td>
<td>3</td>
</tr>
</table>

3.1.6 **Q_nM**	***Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)*** 3.1.6.1: The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies Data Requirements: (As per Data Template) • Name of the Department • Name of the Scheme • Name of the funding agency • Year of Award • Funds provided • Duration of award Formula: $$\frac{\text{Number of departments with UGC} - \text{SAP, CAS, DST} - \text{FIST, DBT, ICSSR and other similar recognitions}}{\text{Total number of departments offering academic programmes}} \times 100$$ $$= \frac{10}{25} \times 100 = 40\%$$ **File Description (Upload)** • Any additional information • e-version of departmental recognition award letters • List of departments and award details (Data Template)	**5**

Key Indicator - 3.2 Resource Mobilization for Research (20)

Metric No.		Weightage
3.2.1 **Q_nM**	***Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs)*** 3.2.1.1: Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years (INR in Lakhs) **Year** | 2019-20 | 2018-19 | 2017-18 | 2016-17 | 2015-16 **INR in Lakhs** | 31.33 | 165.43 | 224.27 | 229.06 | 218.25 **Answer – 868.34** Data requirement for last five years:(As per Data Template) • Name of the Project/ Endowments, Chairs • Name of the Principal Investigator	**5**

- Department of Principal Investigator
- Year of Award
- Funds provided
- Duration of the project

File Description (Upload)

- Any additional information
- e-copies of the grant award letters for research projects sponsored by non-government
- List of project and grant details (Data Template)

3.2.2

Q_nM

Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs)

10

3.2.2.1: Total Grants for research projects sponsored by the government agencies year wise during the last five years (INR in Lakhs)

Year	2019-20	2018-19	2017-18	2016-17	2015-16
INR in Lakhs	148.61	190.30	133.26	30.07	47.77

Answer – 550.01

Data requirement for last five years:(As per Data Template)

- Name of the Project
- Name of the Principal Investigator
- Department of Principal Investigator
- Year of Award
- Funds provided
- Duration of the project
- Funding Agency
- Total amount of funds received

File Description (Upload)

- Any additional information
- e-copies of the grant award letters for research projects sponsored by government
- List of project and grant details (Data Template)

3.2.3

Q_nM

Number of research projects per teacher funded by government and non-government agencies during the last five years

5

3.2.3.1: Number of research projects funded by government and non-government agencies during the last five years

3.2.3.2 : Number of full time teachers worked in the institution during the last 5 years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	263	132	248	284	183

Answer – 1110

Data requirement for last five years:(As per Data Template)

- Name of Principal Investigator

	• Duration of project • Name of the research project • Amount / Fund received • Name of funding agency • Year of sanction • Department of recipient Formula: $$\frac{\text{Total number of research projects funded by government and non – government agencies during the last five years}}{\text{Average numberof full time teachers during the last five years}}$$ $$= \frac{1110}{368} = 3.02$$ **File Description (Upload)** • List of research projects and funding details (Data Template) • Any additional information • Supporting document from Funding Agency • Paste Link for the funding agency website	

Key Indicator - 3.3 Innovation Ecosystem (30)

Metric No.		Weightage
3.3.1 **QlM**	***Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge*** Describe available incubation centre and evidence of its usage (activity) within a maximum of 500 words KAHE has created an eco-system for innovation including Incubation centre. The Technology Business Incubation Centre (TBI) oversees all activities pertaining to translating research and know-how developed by the Institute to the market place. TBI has three broad activities to achieve this mandate: (i) Facilitating commercialization of R&D technologies. (ii) Promoting students, Research scholars, faculty to incubate start-up companies in collaborative mode and (iii) Facilitating alumni and local entrepreneurs to establish start-up ventures. TBI is supported by an Advisory Committee consisting of industrialists, successful entrepreneurs, venture capitalists, technical specialists, bankers and managers as well as by the MSME-DI, GoI. Incubation is open to all entrepreneurs (i.e., they need not be KAHE faculty, alumni or students) so long as the idea is innovative and has commercial feasibility and useful to the society. A comprehensive organizational ecosystem has been established by KAHE, with the TBI,	**10**

to nurture innovation by established companies and start-ups in collaboration with its faculty. TBI, with a group of Indian Angel Network and early stage Venture Capital firms, is also the investing arm which can receive equity in the start-ups in lieu of the IP and Investment.

An area of 13,056sq.ft has been earmarked with basic infrastructural facilities like CEO's cabin, executive cabins, conference room and co-working cabins with common facilities required for the laboratories.

The TBI will facilitate the start-up companies, in Company Registration, space required, furniture and Internet at free of cost. Each start-up company is provided with two assistants with financial support of Rs. 8000/- per person per month.

The following companies have registered with KAHE TBI as start-up companies.

1. Brightnest Technologies Private Limited
2. Sivam Watts Hybrid Systems LLP
3. Dhanvantri Drug Development Centre LLP
4. Charcosorb India Private Limited
5. Genomatics India Private Limited
6. Mahilam Matrimony LLP
7. Texfashions.com
8. Biz Register
9. Scientific Lab Equipments Manufacturing and Modernization Centre
10. Green Life Phytochemicals and Herbals

Further the institution has taken several initiatives for creation and transfer of knowledge, where students are:

i) encouraged to experiment, observe and network to generate innovative ideas;
ii) provided opportunities to discover new solutions, experiment, refine and validate solutions and empower to present their ideas;
iii) given opportunities for hands on experience to build innovation capabilities and skills;
iv) given access to platforms and facilities through which ideas can be submitted, shared, developed, prototyped and piloted; and
v) encouraged to setup their own entrepreneurial unit

Thus, the TBI, besides, providing a host of services to new enterprises facilitate congenial atmosphere for their survival and growth. The essential feature of TBI is that the start-up companies leave the incubator space within two to threeyears to function independently as a full-fledged business unit.

447 words

File description

- Upload any additional information
- Paste link for additional information

3.3.2

Q_nM

Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years

10

3.3.2.1: Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	119	56	62	46	31

Answer - 314

Data Requirements for last five years: (As per Data Template)

- Name of the workshops / seminars
- Number of Participants
- Date (From -to)
- Link to the activity report on the website

File Description (Upload)

- Report of the event
- Any additional information
- List of workshops/seminars during last 5 years (Data Template)

3.3.3

Q_nM

Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the last five years

10

3.3.3.1: Total number of awards / recognitions received for *research/*innovations won by institution/teachers/research scholars/students year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	110	59	47	47	38

Answer - 301

Data Requirements for last five years: (As per Data Template)

- Name of the Awardee
- Name of the Awarding Agency with contact details
- Year of Award

File Description (Upload)

- e- copies of award letters
- Any additional information
- List of innovation and award details (Data Template)

Key Indicators - 3.4 Research Publications and Awards (100)

Metric No.		Weightage
3.4.1 **Q_nM**	***The institution ensures implementation of its stated Code of Ethics for research*** 3.4.1. 1The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc.) 3. Plagiarism check 4. Research Advisory Committee **Options:** **A. All of the above** B. 3 of the above C. 2 of the above D. 1 of the above E. None of the above **File Description (Upload)** • Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website • Any additional information	**5**
3.4.2 **Q_nM**	***The institution provides incentives to teachers who receive state, national and international recognitions/awards*** 1.Commendation and monetary incentive at a University function 2.Commendation and medal at a University function 3. Certificate of honor 4.Announcement in the Newsletter / website **Options:** **A. All of the above** B. 3 of the above C. 2 of the above D. 1 of the above E. None of the above Data Requirements: (As per Data Template2.4.4 of) • Name of the Awardee with contact details • Name of the Awarding Agency • Year of Award • Incentive details **File Description (Upload)** • e- copies of the letters of awards • Any additional information • List of Awardees and Award details (Data Template)	**5**

<table>
<tr>
<td>3.4.3

Q_nM</td>
<td>

Number of Patents published/awarded during the last five years

3.4.3.1: Total number of Patents published/awarded year wise during the last five years

<table>
<tr><th>Year</th><th>2019-20</th><th>2018-19</th><th>2017-18</th><th>2016-17</th><th>2015-16</th></tr>
<tr><td>Number Patent/ Design</td><td>21</td><td>16</td><td>5</td><td>5</td><td>7</td></tr>
<tr><td>Copy right</td><td>4</td><td>12</td><td>-</td><td>-</td><td>-</td></tr>
</table>

Answer - 54

Data Requirements for last five years: (As per Data Template)

- Name of the Patent published/awarded
- Patent Number
- Year of Award

File Description (Upload)

- Any additional information
- List of patents and year it was awarded (Data Template)

</td>
<td>10</td>
</tr>
<tr>
<td>3.4.4

Q_nM</td>
<td>

Number of Ph.Ds awarded per teacher during the last five years

3.4.4.1: How many Ph.Ds are awarded within last 5 years

3.4.4.2 : Number of teachers recognized as guides during the last five years

Data Requirements for last five years: (As per Data Template)

- Name of the PhD scholar
- Name of the Department
- Name of the guide/s
- Year of registration of the scholar
- Year of award of PhD

Formula:

$$\frac{\text{Number of Ph. D degrees awarded during the last five years}}{\text{Number of Teachers as a recognised guides during the last five years}}$$

$$= \frac{864}{202} = 4.28$$

File Description (Upload)

- URL to the research page on HEI web site
- List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (DataTemplate)
- Any additional information

</td>
<td>10</td>
</tr>
<tr>
<td>3.4.5

Q_nM</td>
<td>

Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.4.5.1: Number of research papers in the Journals notified on UGC website during the last five years

</td>
<td>15</td>
</tr>
</table>

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	397	298	303	247	199

Data Requirements: (As per Data Template)

- Title of paper
- Name of the author/s
- Department of the teacher
- Name of journal
- Year of publication
- ISBN/ISSN number

Formula:

$$\frac{\textbf{Number of publications in UGC notified journals during the last five years}}{\textbf{Average number of full time teachers during the last five years}}$$

$$= \frac{1444}{368} = 3.92$$

File Description (Upload)

- Any additional information
- List of research papers by title, author, department, name and year of publication (Data Template)

3.4.6

Q_nM

Number of books and chapters in edited volumes published per teacher during the last five years

15

3.4.6.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	554	198	70	94	31

Answer – 947/368 = 2.57

Data Requirements for last five years: (As per Data Template)

- Name of the teacher: Title of the paper
- Title of the book published: Name of the author/s: Title of the proceedings of the conference
- Name of the publisher: National / International
- National / international : ISBN/ISSN number of the proceeding
- Year of publication:

Formula:

	Total number of books and chapters in edited volumes , books published, and papers in national/international conference proceedings during last five years ——————————— Average number of full time teachers during the last five years $= \frac{947}{368} = 2.57$ **File Description (Upload)** • Any additional information • List books and chapters in edited volumes / books published (Data Template)	
3.4.7 **Q_nM**	***E-content is developed by teachers :*** ***1. For e-PG-Pathshala*** ***2. For CEC (Under Graduate)*** ***3. For SWAYAM*** ***4. For other MOOCs platform*** ***5. For NPTEL/NMEICT/any other Government Initiatives*** ***6. For Institutional LMS*** ***Options:*** ***A. Any 5 of the above*** *B. Any 4 of the above* *C. Any 3 of the above* *D. Any 2 of the above* E. *None of the above* Data Requirements: (As per Data Template) • Name of the teacher • Name of the module • Platform on which module is developed • Date of launching e-content • Number of platforms on which e-content has been developed by teachers **File Description (Upload)** • Any additional information • Give links or upload document of e-content developed • Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG) (Data Template)	**10**
3.4.8 **Q_nM**	***Bibliometrics of the publications during the last five years based on average Citation Index in Scopus/ Web of Science/PubMed/ Indian Citation Index*** Data Requirements for last five years: • Title of the paper • Name of the author • Title of the journal	**15**

	• Year of publication • Citation Index Formula: $$\frac{0.50 \text{ X Total number of Citation in SCOPUS in five years } + 0.50 \text{ X Total number of Citation in Web of Science in five years}}{0.50 \text{ X Total number of Publication in SCOPUS in five years } + 0.50 \text{ X Total number of Publication in Web of Science in five years}}$$ $$\frac{(0.50 \text{ X } 3093) + (0.50 \text{ X } 1617)}{(0.50 \text{ X } 1370) + (0.50 \text{ X } 363)}$$ = 2355 / 866.5 = 2.72 **File Description (Upload)** • Any additional information • Bibliometrics of the publications during the last five years ** The Data obtained from inflibnet will be used for the purpose of calculation of scores.*	
3.4.9 **Q_nM**	***Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-Index of the University*** Data Requirements for last five years: • Title of the paper • Name of the author • Title of the journal • Year of publication • H index Formula: $$\frac{\text{h – Index of Scopus} + \text{h – index of Web of Science in last five years}}{2}$$ $$\frac{21 + 18}{2} = 19.5$$ **File Description (Upload)** • Bibiliometrics of publications based on Scopus/ Web of Science – h-index of the Institution • Any additional information * The Data obtained from inflibnet will be used for the purpose of calculation of scores.	**15**

Key Indicators – 3.5 Consultancy (20)

Metric No.		Weightage
3.5.1 **QlM**	***Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy*** Faculty members of the Institutionare encouraged to undertake the Institution supported Consultancy assignments. KAHE has a well-defined Policy on Consultancy. The main features of Consultancy Policy are; **Role of the Institution** - To bring out brochures / leaflets specifying the Consultancy potential of the Institution. - To co-ordinate R&D projects between the Institution and Industries in the area of product / process development and technology transfer. - To assist signing of MoU and development of IPR / Patents based on products and processes developed by the faculty members. - To offer services of testing / material characterization and taxation **RULES OF CONSULTANCY** 1. A request for Consultancy Services shall be received by the faculty member or department and forwarded to the consultancy cell for its recommendation. 2. Consultancy work/projects shall be undertaken only upon the approval of the Institution based on the recommendations of the Consultancy Cell. 3. All proposed consultancies involving the use of the Departmental equipments / facilities shall have the approval of the Institution. 4. MoU with Industries, governmental and non-governmental agencies can be entered by the consultants/faculty members upon prior approval by the Institution on the recommendations of the Consultancy Cell and the authorized signatory for all MoUs shall be Registrar, Karpagam Academy of Higher Education. 5. The sharing of Consultancy Charges received by the Registrar shall be apportioned as follows:	**5**

a) Incase consultancy offered to external agencies with their facilities

Particulars	Revenue sharing (%)
Faculty members	70
Institution	30
TOTAL	100

b) Incase consultancy offered by the institution with institutional facilities

Particulars	Revenue sharing (%)
Faculty members	60
Institution	40
TOTAL	100

Existing Area of Consultancy

Department of Civil Engineering

One of the major consultancy works is carried out by the department of Civil Engineering. More specifically, the consultancy involves soil testing, concrete cube testing, pipe pressure testing, road and construction projects of both Government and non-Government agencies. During the last five years, 264 consultancy projects were undertaken and rupees 18.89 lakhs was generated as revenue.

Department of Pharmacy

The department of Pharmacy has a Drug Testing Laboratory approved by the Drug Controller of Tamil Nadu .The Laboratory provides services to carry out the tests on Drugs and Pharmaceuticals, Active Pharmaceutical Ingredient (API) and intermediates used in manufacture of all scheduled Drugs including C and C1, vitamins, antibiotics, cosmetics, Homeopathies etc., as per Indian Pharmacopoeia and Bureau of Indian Standards. The laboratory has analyzed 310 samples within a period of one year and generated a revenue of Rs.3.0 lakhs.

Department of Chemistry

The department of chemistry has specialized in the area of battery research and has established Advanced Battery Research Centre in 2019 which offers consultancy to battery manufacturing units in the areas of qualification of its accessories and designing of the battery. So far the centre has generated a revenue of rupees 1.2 lakhs.

	A sum of Rs. 341.51 lakhs have been generated from consultancy services during the last 5 years. 499 words **File Description** • Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy • Upload soft copy of the Consultancy Policy • Upload any additional information • Paste URL of the consultancy policy document	
3.5.2 **Q_nM**	***Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs)*** 3.5.2.1: Total amount generated from consultancy and corporate training year wise during the last five years (INR in lakhs) **Year** | 2019-20 | 2018-19 | 2017-18 | 2016-17 | 2015-16 **INR in lakhs** | 164.76 | 119.95 | 108.92 | 96.14 | 70.61 **Answer – 560.39** Data Requirement for last five years: (As per Data Template) • Names of the consultants • Name of consultancy project • Consulting/Sponsoring agency with contact details • Revenue generated (amount in rupees) • Total revenue generated in rupees • Details of Corporate training provided (Title of the training, corporates for which training has been provided, number of participants. **File Description (Upload)** • Audited statements of accounts indicating the revenue generated through consultancy • Any additional information • List of consultants and revenue generated by them (Data Template)	**15**

Key Indicators – 3.6 Extension Activities (40)

Metric No.		Weightage
3.6.1 **Q_lM**	***Extension activities in the neighborhood community in terms of impact and organized by students to social issues and holistic development during the last five years*** Describe the impact of extension activities in organized by students to social issues and holistic development within a maximum of 500 words Institution have done remarkable extension activities in nearby villages with special focus on its adopted villages.	**6**

Extension activities are undertaken either independently or along with Government agencies / NGOs. The Swatch Bharath Abiyan, Unnat Bharath Abhiyan and Swatch Pakwada Programmes of Government of India are given specific thrust.

Coimbatore City Municipal Corporation has underetaken a survey of schools and hospitals for Swachh Survekshan Ranking 2018 in which 500 student volunteers of KAHE participated. The volunteers also formed Swachhata Committee and inspected the schools regarding their cleanliness, hygiene, water facility and waste management system.

- An awareness programme for water conservation, energy conservation, usage of renewable energy such as solar energy and Government subsidy available to use solar energy at home, offices and institutions are conducted in the adopted villages.
- The students cleaned the Government High School in an adopted village, white washed the class rooms, planted trees and totally changed the ambience of the school.
- NSS organized intermural sports competition at Government School in theadopted village.
- Students educated the rural people on the advantages of digital payments by providing them hands on experience.
- A good number of wards/spouses of many rural households are in overseas and to enable them to communicate with their wards, the households were given training on computer functional literary such as sending and receiving an email, communicating through skypes and in digital transaction.
- Various medical camps such as general medical camps, eye campswere organized along with government, private medical agencies. The camps also created awareness about prevention and protection from many communicable and non-communicable diseases of the rural people.
- Rural Sanitation and Hygiene.
- Social programmes.
- Education related programmes.
- Celebration of National and International Days.

Also, many social awareness programmes such as Tobacco-Free Village, Avoiding Open Defecation, Solid Waste Management, Plastic Eradication, Tree Plantation, Rural Women's Day, International Women's Day, Indian Constitution Day, Poshan Abhiyan, Jal Sakthi Abhiyan and Organic Farming etc., were organized in the villages. Awareness Programmes conducted on Environmental Pollution and Its Control Measures, Child Obesity Prevention, Breast Cancer, Organ

Donation, Sanitation and Legal Literacy.

Students voluntarily donated blood to the needy people in the government and private hospitals whenever they need. Volunteers also render their helping hand spontaneously at the time of emergency created by natural calamities such as Kaja Cyclone by free supply of material and food items.

The above extension activities in the adopted villages have created a positive impact on the community which is evidenced that a good number of people switched over to digital payment mode, many people are comfortable in computer system operation and a few have switched over to LED lights and a few for solar lights.

Similarly, the extension activities carried out by the students have created a powerful impact on their minds in developing and strengthening personal qualities such as concern for others, human values and societal obligations.

484 words

File description

- Paste link for additional information
- Upload any additional information

3.6.2

Q_nM

Number of awards received by the Institution, its teachers and students from Government /Government recognized bodies in recognition of the extension activities carried out during the last five years

10

3.6.2.1: Total number of awards and recognition received for extension activities from Government / Government organized bodies year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	313	65	41	80	04

Answer – 503

Data Requirement for last five years: (As per Data Template)

- Name of the activity
- Name of the Award/ recognition
- Name of the Awarding Government/Government recognized bodies
- Year of the Award

File Description (Upload)

- Any additional information
- Number of awards for extension activities in last 5 year (Data Template)
- e-copy of the award letters

3.6.3

Q_nM

Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the last five years(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organized in collaboration with industry, community and NGOs)

12

3.6.3.1: Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc. during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organized in collaboration with industry, community and NGOs) year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	87	57	43	60	19

Answer - 266

Data Requirement for last five years: (As per Data Template)

- Name and number of the extension and outreach Programmes
- Name of the collaborating agency: Non- government, industry, community with contact details

File description (Upload)

- Reports of the event organized
- Any additional information
- Number of extension and outreach Programmes conducted with industry, community etc for the last five years (Data Template)

3.6.4

Q_nM

Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

12

3.6.4.1: Total number of students participating in extension activities listed at 3.6.3 above year wise during the last five years

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number	5875	5852	5792	5209	3764
Total Strength	6521	6277	6046	5522	4856
% students attended	90.09	93.23	95.80	94.33	77.51

Data Requirement for last five years: (As per Data Template)

- Name of the activity
- Name of the scheme
- Year of the activity
- Number of students participating in such activities

Formula:

$$\text{Percentage per year} = \frac{\text{Total Number of students participating in such activities}}{\text{Number of students}} \text{X}100$$

	Average percentage = $\frac{\sum \text{Percentage per year}}{5}$ $= \frac{450.96}{5} = 90.19\ \%$ **File description (Upload)** • Report of the event • Any additional information • Average percentage of students participating in extension activities with Govt. or NGO etc (Data Template)	

Key Indicator - 3.7 Collaboration (20)

Metric No.		Weightage
3.7.1 **Q_nM**	***Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year*** 3.7.1.1: Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students year wise during the last five years **Year** 2019-20 2018-19 2017-18 2016-17 2015-16 **Number** 130 82 70 55 19 Data Requirements for last five years: (As per Data Template) • Title of the collaborative activity • Name of the collaborating agency with contact details • Source of financial support • Year of collaboration • Duration • Nature of the activity Formula $\frac{\textbf{Total Number of such activities during the last five years}}{5}$ $= \frac{356}{5} = 71.2$ **File Description (Upload)** • Copies of collaboration • Any additional information • Number of Collaborative activities for research, faculty etc (Data Template)	**10**

3.7.2 **Q_nM**	***Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years*** 3.7.2.1: Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years	**10**

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	60	8	28	14	16

Answer - 126

Data Requirements for last five years: (As per Data Template)

- Organisation with which MoU is signed
- Name of the institution/ industry
- Year of signing MoU
- Duration
- List theactual activities under each MoU
- Year wise Number of students/teachers participated under MoUs

File Description (Upload)

- e-copies of the MoUs with institution/ industry/ corporate house
- Any additional information
- Details of functional MoUs with institutions of national, international importance, other universities during the last five years (Data Template)

Criterion IV – Infrastructure and Learning Resources (100)

Key Indicator - 4.1 Physical Facilities (30)

Metric No		Weightage
4.1.1 QlM	***The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.*** Describe the adequacy of facilities for teaching –learning as per the minimum specified requirement by statutory bodies within a maximum of 500 words The facilities required for teaching-learning namely class rooms, laboratories, computing equipments for the Engineering and Technology, Architecture and Planning, Pharmacy, MBA and MCA programmes as per the statutory requirement and facilities available with the Institution are given below	10

Engineering and Technology

S.No.	Particulars	Level	Actual Room Area (Sqm)	Expected Room Area (Sqm)
1.	Classroom	UG	3803	2112
2.	Tutorial Room	UG	375	264
3.	Seminar Hall	UG /PG	754	132
4.	Additional Workshop	UG/PG	478	200
5.	Drawing Hall	UG/PG	272	264
6.	Workshop	UG/PG	432	400
7.	Laboratory	UG	5865	4620
8.	Classroom	PG	250	165
9.	Laboratory	PG	311	264

Architecture and Planning

S.No.	Particulars	Level	Actual Room Area (Sqm)	Expected Room Area (Sqm)
1.	Classroom	UG	614	540
2.	Seminar Hall	UG /PG	134	132
3.	Workshop	UG/PG	332	120
4.	Resource Centre	UG/PG	133	80
5.	Art Court	UG/PG	120	100
6.	Multi-Purpose Hall	UG/PG	150	150
7.	Studio	UG	813	720
8.	Computer Laboratory	UG/PG	134	60
9.	Classroom	PG	346	90
10.	Studio	PG	132	120
11.	Research Laboratory	PG	120	60

Pharmacy

S.No.	Particulars	Level	Actual Room Area (Sqm)	Expected Room Area (Sqm)
1.	Classroom	UG	443	330
2.	Tutorial Room	UG	87	66
3.	Seminar Hall	UG /PG	143	132
4.	Machine Room	UG/PG	76	75
5.	Instrument Room	UG/PG	84	75
6.	Laboratory	UG	726	525
7.	Classroom	PG	70	66
8.	Laboratory	PG	299	150

MBA

S.No.	Particulars	Level	Actual Room Area (Sqm)	Expected Room Area (Sqm)
1.	Classroom	PG	546	264
2.	Tutorial Room	PG	78	33
3.	Seminar Hall	UG /PG	132	132

MCA

S.No.	Particulars	Level	Actual Room Area (Sqm)	Expected Room Area (Sqm)
1.	Classroom	PG	156	132
2.	Tutorial Room	PG	78	33
3.	Seminar Hall	UG /PG	132	132
4.	Computer Laboratory	UG/PG	132	66

Similarly, for Arts and Science programmes,the required physical infrastructure such as classrooms, laboratoriesare available.

In addition to the above, the following specialized laboratories are established.

Language Lab

The language lab has 60 computers with necessary software systems.

Material Science Laboratory

This laboratory has separate

- Material testing lab
- Corrosion Engineering lab
- Functional materials lab

The following studies are done at this lab:

- Microstructural studies
- Mechanical behaviour of metals
- Nanomaterial processing
- Corrosion Studies

Drug Testing Centre

Drug Testing Laboratory carries out the tests on drugs and Pharmaceutical APIs and intermediates used in manufacture of all scheduled drugs. The Centre is approved by Drug Controller of India.

Cancer Research Centre

Cancer Research Centre has cell culture, synthesis and evaluation laboratories with clean room.

Advanced Battery Research Centre

The Advanced Battery Research Centre caters to all applications namely Automotive, Motive power, Energy Storage and Micro Hybrid to EV.

From the above it is evident that the Institution has more than the facilities required for teaching and learning as specified by the statutory bodies such as UGC, AICTE, CoA and PCI.

479 words

File Description

- Upload any additional information
- Paste link for additional information

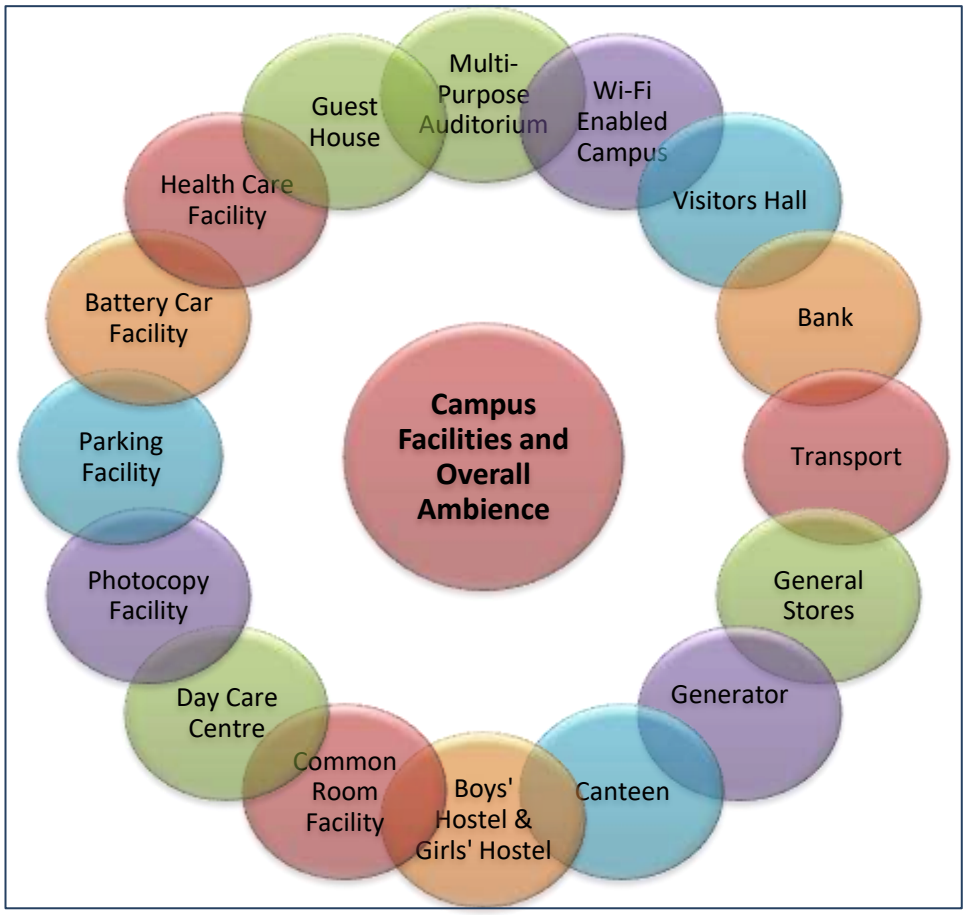
4.1.2 **Q_IM**	***The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)*** Describe the adequacy facilities for cultural activities, yoga, games (indoor, outdoor) and sports which include specification about area/size, year of establishment and user rate within minimum of 500 characters and maximum of 500 words Institution has adequate facilities for sports, games and cultural activities. **Sports and Games** The institution has spacious open grounds for outdoor sports and games such as basketball, football, ball badminton, cricket, kabaddi, volleyball, Handball, athletics etc. Similarly, a separate block is allotted for indoor games such as Table Tennis, Carrom, Chess, Judo and Wrestling practice. The Institution takes special interest and effort to promote Tamil Nadu's traditional martial art form Silambam. It is worth to mention that Institution provides training in Silambam to the Police official of the Government of Tamil Nadu. Silambam, Volleyball, Handball and Kabaddi are four major sports in which the Institution has made a mark at the National and International levels.	**5**

S. No.	**Name**	**Area / Space**
1	Football Ground	60 Meter X100 Meter
2	Basketball Ground -2 Nos.	23 Meter X 70 Meter
3	Ball Badminton Court -2 Nos.	36 Meter X 39 Meter
4	Cricket Net practice	50 Meter X 45 Meter
5	Kabaddi Court - 2 Nos.	36 Meter X 17 Meter
6	Volleyball Court - 2 Nos.	35 Meter X 32 Meter
7	Handball Court	44 Meter X 24 Meter
8	Fitness Center	40 Meter X 70 Meter
9	Yoga Center	15 Meter X 11 Meter

During the last five years, students have secured 184 medals in various sports and events. Nearly 50 women students have secured medals in Kabaddi, Handball, Volleyball and Silambam at the National Level.

	Gymnasium The Institution has a well-established gymnasiumwith necessary equipment for benefit of students and staff. On an average 300 students use Gymnasium. Power Lifting, Weight Lifting are also popular among the students. **Yoga Centre** There is a Yoga Center and regularly about 150 students practice yoga in the center. **Facilities for cultural activities** A two-day cultural fest "Pranaya",an Inter Institute and Intra- Institute cultural fest is celebrated every year. Students exhibit their talents in dance, music and other skills in cultural festivals. A 3000 capacity open auditorium, 1500 capacity indoor auditorium and 300 capacity Ampi Theatre are available for conduct of cultural programmes. Besides, this main cultural festival, the Departments conduct special cultural festival aligning to their subjects. For instance, the Department of Architecture conducts 'Kural' a kolam event cum seminar / lecture series. Similarly, the Department of Languages conducts Bharathi Vizha and IlakiyaKalaiVizha every year. Another cultural festival by name 'Sathur' is conducted, which is open to all students to exhibit their talents in any area in which they are interested. The sports and cultural activities not only provide opportunities for the students to exhibit their talents but also help to cultivate the qualities of competitive spirit, team work and ethics. **442 words** **File Description** • Upload any additional information • Geotagged pictures • Paste link for additional information	
4.1.3 **Q_IM**	***Availability of general campus facilities and overall ambience*** Describe the general campus facilities and its utilization in maximum of 500 words **Auditorium / Seminar Halls** A 3000 seating capacity open auditorium is available to host several events on campus. It is a melting pot for students from within and outside the Institution. Another indoor auditorium with a seating capacity of 1500 and six seminar halls are available. **Wi-Fi Enabled Campus** KAHE is a fully Wi-Fi enabled campus. This facility allows students to	**5**

access uninterrupted internet connectivity anywhere anytime in the campus including hostel.



Visitors Hall

Visitors hall is a glassed building located at the entrance of the campus and facilitates the visitors to wait till they complete their assignments for which they have come.

Hostels

Both boys and girls hostel rooms are furnished for the comfortablestay.The Institution has boys hostel with six blocks to accommodate 2000 inmates and a girls hostel with four blocks to accommodate 750 inmates. Modernized kitchens with attached dining halls available separately for boys and girls. The hostel mess has got FSSAI Approval.

Cafeteria

There are twocafeteria in the campus with a seating capacity of 150 each which are tidy, spacious, hygiene and serve wholesome food to the staff and students at the subsidized cost. The cafeteria have got FSSAI approval.

Transport

Transport facility is provided to students, faculty and non-teaching staff in and around Coimbatore. It is also used for field visit and other academic related activities.

Besides, the following facilities are available in the campus

Health Care Centre

The Institution has a Health Care Centre with full time medical practitioner and paramedical staff to treat minor ailments and to provide first-aid / emergencies to the staff and students. Ambulance facility is also available. A full-fledged medical college hospital under the same management is nearby to provide medical facilities to the students and staff members at subsidised cost.

Common Room Facilities

The boys and girls students have separate common room with required facilities to enable them to relax and intellectually interact for their betterment.

Day Care Centre for the Children of Employees

As part of welfare measure to its employees, the Institution has a Day Care Centre for their children to accommodate about fifteen childrenand a baby sitter is available to take care of the safety of the children.

Guest House

The Institution has a well-furnished guest house with a dining hall and a drawing room.

General Facilities

Institution ensures safety of the students by installing CCTV at vital points and by engaging 24x7 security services. In addition, other facilities such as general stores, copier facility to cater to the needs of students and employees and sprawling parking facility available for two wheelers and four wheelers.

Overall Ambience

The Institution is an educational oasis located in a peaceful, pleasant sprawling, green and lush campus extending 26 acres with a highly architectural and aesthetically designed buildings offering a goldmine of opportunity to choose from a wide spectrum programmes and co-curricular choices that provide diverse intellectual and hands-on experience. The campus provides an environment that keeps the mind, body and soul happy and healthy.

500 words

File Description

- Upload any additional information
- Paste link for additional information

4.1.4 **Q_nM**	***Average percentage of expenditure excluding salary for infrastructure augmentation during the last five years (INR in Lakhs)*** 4.1.4.1 : Expenditure for infrastructure augmentation, excluding salary during the last five years (INR inlakhs)	**10**

Year	**2019-2020**	**2018-2019**	**2017-2018**	**2016-2017**	**2015-2016**
INR in lakhs	332	323	546	540	699

Data Requirement for last five years: (As per Data Template)

- Budget allocated for infrastructure augmentation
- Total expenditure for infrastructure augmentation
- Audited statement of accounts
- Total expenditure excluding Salary

Formula:

$$\text{Percentage per year} = \frac{\text{Expenditure for infrastructure augmentation excluding salary}}{\text{Total expenditure excluding salary}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

= (17 + 22+39+39+53)/5

= 170/5

= 34

File Description

- Upload any additional information
- Upload audited utilization statements
- Upload Details of budget allocation, excluding salary during the last five years (Data Template)

Key Indicator - 4.2 Library as a Learning Resource (20)

Metric No.		Weightage
4.2.1 Q_lM	***Library is automated using Integrated Library Management System (ILMS) and has digitisation facility*** Describe the implementation of the automation of the Library and the digitization facility available and used in maximum of 500 words **Learning Resources Centre** Library Management System (LMS) is a computerized system which helps user to manage the library daily activity in digital format. It reduces the paper work,space required, time consumption and helps in quick retrieval of data. Library can be accessed from any where and any time. In the present scenario, libraries are facing huge challenges due to the high expectation of the users. People want to access all the resources of the libraries very swiftly and easily. Apart from the central library the institution has four other libraries in the department of Pharmacy, Architecture, Management and Computer Applications. All these libraries are well connected with central library. To give wide knowledge to the students, research scholars and faculty members, the institution has enrolled membership in UGC-MHRD's National Digital Library (NDL)that provides free access to the students and faculty members. The institution has linkage with other library networks and databases such as Inflibnet, Delnet, Scopus and Knimbus. Web Online Public Access Catalogue (OPAC)facility is available through Library Management Software to get the information of availability of books, journals and periodicals. Since 2011, a self-developed Online Library Management System Software is used in the Institution with Bar Code Technology. The software is user friendly for the librarians to maintain the books and records in the library. SQL database is used to upgrade the service of the ILMS automation software. Currently, the central library and the department libraries are fully automated with the recent Web Version 2.0 which helps to search books, periodicals, Back Volumes, project reports, CDs and DVDs. The library is having access to e-resources of e-shodhsindhu (world e-book Library and South Asia Archive) consortium of INFLIBNET, where the users are given awareness and made to access browse and download e-books, e-journals, multimedia content, databases, etc. User orientation is provided at the beginning of the year regarding the various facilities and resources available in the library. It is provided with 24x7Wi-fi facility. A separate user account is created for all library users and they can track their entire transactions from anywhere at any time by login into their account. A well-equipped Digital Library with 50 nodes is provided with	4

high–speed internet connectivity to help the researchers to access all the e-libraries of the world.

The library has 80 computers and part of the LAN, Internet and e-mail services (45 Mbps & 1 Gbps). Smart Entry Register is automated for Staff, Students and Research Scholars.

410 words

FileDescription

- Upload any additional information
- Paste link for additional information

4.2.2

Q_nM

Institution has subscription for e-Library resources

6

Library has regular subscription for the following:

1. e –journals
2. e-books
3. e-ShodhSindhu
4. Shodhganga
5. Databases

Options:

A. Any 4 of the above
B. Any 3 of the above
C. Any 2 of the above
D. Any 1 of the above
E. None of the above

File Description

- Upload any additional information
- Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)

4.2.3

Q_nM

Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

5

- : Annual expenditure for purchase of books and journals year wise during the last five years (INR in lakhs)

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
INR in lakhs	43	41.76	65.67	46.62	35

Data Requirement for last five years: (As per Data Template)

- Expenditure on the purchase of books
- Expenditure on the purchase of journals in i^{th}year
- Year of expenditure:

	Formula: $$\frac{1}{5} \times \sum_{i=1}^{5} Expd_i$$ Where: $\mathbf{Expd_i}$= Expenditure in rupees on purchase of books and journals in i^{th} year Expenditure in rupees on purchase of books and journals in i^{th} year **= 235.02/5** **= 46.41** **File Description (Upload)** • Any additional information • Audited statements of accounts • Details of annual expenditure for purchase of books and journals during the last five years (Data Template)	

4.2.4 **Q_nM**	***Percentage per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)*** 4.2.4.1 : Number of teachers and students using library per day over last one year Data Requirements: • Upload last page of accession registerdetails: Yes • Per day login/online users oflibrary: **979** • Number of users using library throughe-access: **1905** • Number of physical users accessinglibrary: **293700** Formula: $$\frac{\text{Number of teachers and students using libraryperday}}{\text{Total number of teachers and students}} \mathbf{X100}$$ **2884 {979+1905}** **= ---------- X 100** **{363+6521} = 6884** **= 41.89** **File Description (Upload)** • Any additionalinformation • Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	**5**

Key Indicator – 4.3 IT Infrastructure (30)

Metric No.		Weightage
4.3.1 **Q_nM**	***Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)*** 4.3.1.1 : Number of classrooms and seminar halls with ICT facilities Data Requirements: (As per Data Template) • Number of classrooms with LCD facilities: 50 • Number of classrooms with Wi-Fi/LAN facilities: 152 • Number of seminar halls with ICT facilities: 6 Formula: $\frac{\text{Number of classrooms and seminar halls with ICT facilities}}{\text{Total number of classrooms/seminar halls in the institution}} \times 100$ **= 158/158*100 = 100%** **File Description** • Upload any additional information • Paste link for additional information • Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	**5**

4.3.2 **Q_IM**	***Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility*** Providing the salient features of the IT Policy and describe the process of implementation and adherence to the policy, budgetary provisions made and utilized and the expansion plan in maximum of 500 words The basic premises of IT policy of the Institution is that the rules, regulations and guidelines for proper usage and maintenance of the technological assets to ensure their ethical and acceptable use and assure health, safety and security of data, products and facilities as well as the staff and students using them. **Information Technology Policy of KAHE** i. To develop ICT infrastructure ii. To adopt ICT in Teaching – Learning and Evaluation. iii. To utilize ICT tool to provide skills and enhancing competency building of students. iv. To offer learning resources to faculty and students. v. To provide effective support for Research / Business analytics. vi. To adapt digital technology by all staff and students. vii. To provide access for information quickly. viii. To maintain computer-students ratio at the level of 1:4 and computer-teacher ratio 1:1. ix. To build IT competency level of administrators. x. To prepare faculty and students to participate creatively to the establishment, sustenance and growth of knowledgeable society. The IT policy also include Network Policy, Firewall Policy, Password Policy and Electronic Data Disposal Policy. **Wi-Fi Facility** KAHE has 2139 computers in total connected with LAN facility. The entire campus is Wi-Fi enabled. 52 indoor and 28 outdoor Wi-Fi devices are installed in the campus with an internet speed of 1 Gbps for an uninterrupted connectivity . **IT Facilities** - To ensure a safe and secure atmosphere, a total of 284 CCTV cameras are installed all over the campus with its back up servers. - An effective Firewall is built and maintained to prevent the cyber-attacks. - A 360 degree studio is established for development of the e-content. - Digitalization of administration, admission, examination and research is done.	**5**

	- Students are given access to the Library Information System through Wi-Fi. - Anti-Plagiarism software – Turnitin has been installed to check the level of plagiarism in research articles / thesis. **Expansion Plan** An extensive expansion plan is incorporated in the IT policy, in consonance with the increasing demand and requirement. An outline of the expansion plan is given below: - The departments will be provided new systems with advanced configuration or the existing computer systems will be upgraded with new versions. - Similarly various software used are also upgraded with the latest versions periodically. - Improvements in the Data Management System. 1. To improve the speed of the rate of data transfer significantly the campus will be divided into two categories. One to deal with the data & internet and the other data from camera 2. File servers are planned to upgrade the hardware to higher configuration for better performance capabilities. 3. Network Attached Storage Boxes (NAS Box) will be installed for increased data storage, speed, accuracy and security. **Budgetary provisions made and utilized** An annual budget of Rs. 125 lakhs provided for IT infrastructure and on an average 95% of budgeted amount is utilized. Expansion Plan Replacement of 300 nodes with latest configuration. Adding 30 nos of wifi access points. Renovation of labs by modern furniture, fall celling and AC. **476words** **File Description** Upload any additional information Paste link for additional information	
4.3.3 **Q_nM**	***Student - Computer ratio (Data for the latest completed academic year)*** Number of students: Number of Computers available to students for academic purposes Data Requirements: Number of computers for academic purposes in working condition: 1687 Total Number of students: 6521 **File Description** Upload any additional information • Student – computer ratio: 4:1	**10**

4.3.4 **Q_nM**	***Available bandwidth of internet connection in the Institution (Leased line)*** Internet connectivity is provided with-BSNL: 1 Gbps Under NMEICT Project (National knowledge Network) (Govt. of India) Airtel: 55 Mbps (1:1) Leased Line from AIRTEL, so that the academic and research activities can be handled with better connectivity **Options:** **A. ≥1GBPS** **Answer - A** B. 500 MBPS - 1GBPS C. 250 MBPS - 500MBPS D. 50 MBPS - 250MBPS E. <50 MBPS Data Requirements: - Available internet bandwidth **File Description** - Upload any additional information - Details of available bandwidth of internet connection in the Institution	**5**
4.3.5 **Q_nM**	***Institution has the following Facilities for e-content development*** A. Media centre B. Audio visual centre C. Lecture Capturing System (LCS) D. Mixing equipment and software for editing **Options:** **E. All of the above** F. 3 of the above G. 2 of the above H. 1 of the above I. None of the above Data Requirements: (As per Data Template) - Upload the names of the e-content development facilities **File Description** - Upload any additional information - Links of photographs - Facilities for e-content development such as Media Centre, Recording facility, LCS etc. (Data Templates)	**5**

Key Indicator - 4.4 Maintenance of Campus Infrastructure (20)

Metric No.		Weightage
4.4.1 Q_nM	***Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years*** 4.4.1.1 : Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)	10

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
INR in lakhs	415	334.66	324.33	314	291.20

Data Requirement for last five years:(As per Data Template)

- Non salary expenditure incurred
- Expenditure incurred on maintenance of campus infrastructure

Formula:

$$\text{Percentage per year} = \frac{\text{Expenditure on maintenance of physical and academic support facilities excluding salary component}}{\text{Total expenditure excluding salary component}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

= (21.59+22.36+22.97+22.84+22.16)/5
= 111.92/5
= 22.38

File Description

- Upload any additional information
- Audited statements of accounts
- Details about assigned budget and expenditure on physicalfacilities and academic facilities (DataTemplates)

4.4.2 **Q_IM**	***There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.*** Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities on the website within a minimum of 500 word and maximum of 1000 words Policy Details of Systems and Procedures for maintaining and utilizing physical, academic and support facilities. **Estate Maintenance** - A separate Estate Maintenance sectionwith adequate support staff in place. **Functions of Estate Maintenance Section** - Estate Maintenance Section oversees the maintenance of civil, mechanical and electrical works and housekeeping relating to buildings, classrooms, laboratories, library, hostels, sewage treatment plant and gardens - Adequate in-house manpowerto maintain health, hygiene, cleanliness and infrastructure to provide congenial learning environment. - - **Maintenance of Buildings** - To maintain the buildings, class-rooms and hostels repair worksare undertaken annually during the vacation periods. - To white wash the buildings once in three years and / or depending on the needs. - **Maintenance of the Furniture and Fittings** The classroom and office furniture are either in wood and /or steel. The steel chairs / desks, which are rusted are cleaned and repainted every year. Similarly, the wooden items which are broken and need to be repaired are done every year during vacation period. - **Garden** - The Green cover of the campus is well maintained by the fulltime gardeners. - Tree leaves and wooden logs are collected daily and taken tovermi composite yard for converting into manures.	**10**

	- **Laboratory Equipments**
	  - To purchase laboratory equipmentsdepending on need and to calibrate them periodically.
	  - To purchase laboratory consumables basing on the indent submitted by the respective department.
	  - To dispose of the condemned equipments, disposable items and broken glass wares through authorized agency.
	
	- **Computer Systems Maintenance**
	System Administrator maintains Central Computing Services Unit for the purpose of development, implementation and maintenance of the security of the IT infrastructure of the Institution. It is an in-house servicing section for both software and hardware related issues. Network security is maintained and its services are upgradedperiodically. Maintenance of services like ERP, File server management, Firewall maintenance and Wi-Fi services are carried out.
	
	- **Sports Facilities Maintenance**
	  - The Institution has separate play grounds for different outdoor games and spacious rooms for conducting indoor games.
	  - To maintain play grounds periodically as they are used continuously by the students.
	
	- **Safety and Security**
	  - To ensure the campus safety and security through CCTVs cameras
	  - To provide 24x7 security services through security guards.
	  - Fire safety equipments are installed in vulnerable areas and recharged as per the statutory requirements
	  - All the laboratories are provided with first aid kit
	  - Safe assembly points are earmarked
	
	- **Maintenance of Library**
	  - Library Stock Register, Book Accession Register, Journal Register are maintained in the Library.
	  - Rare and costly books are classified and kept them as 'Reference books'.
	  - All the equipment available in the library are serviced regularly
	The departments submit their library book requirements every year and the requirements are placed before the Library Advisory Committee and after its approval, the quotations shall be	

called and the publishers who give maximum discount shall be finalized. There is minimum prescribed number of books a staff or student can take at a time which should be returned within a specified time duration. There is also a provision that not more than 20% books may be condemned in a year. In case of loss of book by a student, he/ she has to replace it by a new book or reimburse the cost of the book. To protect the books and periodicals against insects / termites pest control is done.

Purchase Procedure

Following procedure is adopted for purchase of items to the Institution.

- The requirements for laboratory equipments, consumables and other equipments such as computer systems, printers shall be submitted by the respective Heads of Departments and sections.
- Once it is accepted in principle, the Registrar will be inviting quotations from the reputed / authorized suppliers. A minimum of three quotations has to be received otherwise re-quotation will be called for.
- The quotations shall be opened by the Registrar before the members of the Purchase Committee (Constituted by the Board of Management)and all the members including Registrar will sign on the individual quotations.
- Then the Registrar office will prepare a comparative statement.
- Then the Meeting of the Purchase Committee shall be convened on a particular date and the advance notice of the meeting will also be sent to the suppliers who submitted the valid quotations as per the specifications issued to appear before the Purchase Committee for negotiations.
- On the appointed day of meeting the Purchase Committee shall negotiate price with the suppliers and arrive at a lowest price.
- In case of purchase of high value, specialized equipments the expert in the field will be invited as a special invitee to the meeting.
- The Purchase Committee will submit its minutes to the Registrar.
- On approval of Minutes by the Vice Chancellor / Board of Management, the purchase shall be finalized.
- In case of consumable items ‘rate contract’ will be followed.

	- **Stock Taking Procedure** 1. Every department / section maintains a stock register for the office and laboratory equipment, consumables and furniture. 2. Inspection and verification are done at the end of every year by the internal administrative audits. 3. In case of shortage, the cost will be collected from person in-charge - **Maintenance Procedure** During the regular working days, the Head of the Department / Section concerned submits a request to the Estate section mentioning civil or electrical defects identified in the prescribed proforma and the defect shall be rectified within 24 hours or immediately in the case of emergency and inform the action taken to the Registrar. - **Annual Maintenance Contract (AMC)** Optimum working conditions of all equipment is ensured through Annual Maintenance Contract wherever applicable. Maintenance of Generators /UPS, servers, all sensitive equipment in the laboratories, Air Conditioners, CCTV Cameras, water purifier and Lifts come under the purview of AMC. **975words** **File Description** Upload any additional information Paste link for additional information	

Criterion V - Student Support and Progression (100)

Key Indicator - 5.1 Student Support (30)

Metric No.		Weightage
5.1.1 Q_nM	***Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories)***	10

5.1.1.1: Number of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) year wise during the last five years (other than the students receiving scholarships under the government schemes for reserved categories)

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Total no of students	6521	6277	6046	5522	4856
Number	1121	1180	1006	867	483

Data Requirement for last five years:(As per Data Template)

- Name of the scheme
- Number of students benefiting

Formula:

$$\text{Percentage per year} = \frac{\text{Number of students benefited by scholarships and freeships by institution, government and non-government agencies}}{\text{Number of students}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

Year	Percentage / year	Average percentage for five years
2019-20	17.19	15.65
2018-19	18.79	
2017-18	16.63	
2016-17	15.70	
2015-16	9.95	

File Description

- Upload self attested letter with the list of students sanctioned scholarship
- Upload any additional information
- Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (Data Template)

5.1.2 **10**

Q_nM

Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years

5.1.2.1: Number of students benefited by guidance for competitive examinations and career counseling offered by the institution year wise during the last five years

year	2019-20	2018-19	2017-18	2016-17	2015-16
Total no of students	6521	6277	6046	5522	4856
Number	5048	4320	3901	3078	3118

Data Requirement for last five years:(As per Data Template)

- Name of the scheme
- Number of students who have passed in the competitive exam
- Number of students placed

Formula:

$$\text{Percentage per year} = \frac{\text{Number of students benefited by guidance for competitive examinations and career counselling offered by the institution}}{\text{Number of students}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

File

Year	Percentage / year	Averagepecentage for five years
2019-20	77.41	66.14
2018-19	68.82	
2017-18	64.52	
2016-17	55.74	
2015-16	64.20	

	Description (Upload) • Any additional information • Number of students benefited by guidance for competitive examinations and career counselling during the last five years (Data Template)	
5.1.3 **Q_nM**	***Following Capacity development and skills enhancement initiatives are taken by the institution*** 1. ***Soft skills*** 2. ***Language and communication skills*** 3. ***Life skills (Yoga, physical fitness, health and hygiene)*** 4. ***Awareness of trends in technology*** **Options:** **A. All of the above** **B.** 3 of the above **C.** 2 of the above ***D.*** 1of the above ***E.*** None of the above **A. All of the above** Data Requirements: (As per Data Template) • Name of the capability enhancement scheme • Year of implementation • Number of students enrolled • Name of the agencies involved with contact details **File Description (Upload)** • Link to Institutional website • Any additional information • Details of capability enhancement and development schemes (Data Template)	**5**
5.1.4 **Q_nM**	***The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases*** 1. ***Implementation of guidelines of statutory/regulatory bodies*** 2. ***Organisation wide awareness and undertakings on policies with zero tolerance*** 3. ***Mechanisms for submission of online/offline students' grievances*** 4. ***Timely redressal of the grievances through appropriate committees*** **Options:** **A. All of the above** B. 4 of the above C. 3 of the above	**5**

D. 1 of the above
E. None of the above

A. All of the above

Data Requirement:

Upload the grievance redressal policy document with reference to prevention of sexual harassment committee and anti-ragging committee, constitution of various committees for addressing the issues, minutes of the meetings of the committees, number of cases received and redressed.

File Description (Upload)

- Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee
- Upload any additional information
- Details of student grievances including sexual harassment and ragging cases

Key Indicator - 5.2 Student Progression (40)

Metric No.		Weightage
5.2.1 **Q_nM**	***Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations)*** 5.2.1.1: Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ Civil services/State government examinations) year wise during the last five years	**10**

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	17	6	22	4	1

5.2.2.2: Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ Civil Services/State government examinations) year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	24	9	29	6	2

Data Requirement for last five years: (As per Data Template)

Number of students selected to

- NET

- SLET
- GATE
- GMAT
- CAT
- GRE
- TOEFL
- Civil Services
- State Government Examinations

Formula:

$$\text{Percentage per year} = \frac{\text{Number of students qualifying in state,national,international level exams}}{\text{Number of students appeared for the state,national,International level exams}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

Year	Percentage / year	Average percentage for five years
2019-20	70.83	66.00
2018-19	66.67	
2017-18	75.86	
2016-17	66.66	
2015-16	50.00	

File Description (Upload)

- Upload supporting data for the same
- Any additional information
- Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)

5.2.2

Q_nM

Average percentage of placement of outgoing students during the last five years

15

5.2.2.1: Number of outgoing students placed year wise during the last five years

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Total no of students	2154	1942	1706	1511	1375
Number	1008	1206	1039	1011	891

Data Requirement for last five years: (As per Data Template)

- Name of the employer with contact details
- Number of students placed

Formula:
Percentage per year =

$$\frac{\text{Number of outgoing students placed}}{\text{Number of outgoing students}} \text{ X } \mathbf{100}$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

Year	Percentage / year	Average percentage for five years
2019-20	46.79	60.30
2018-19	62.10	
2017-18	60.90	
2016-17	66.90	
2015-16	64.80	

File Description (Upload)

- Self attested list of students placed
- Upload any additional information
- Details of student placement during the last five years (Data Template)

5.2.3

Q_nM

Percentage of recently graduated students who have progressed to higher education (previous graduating batch)

5.2.3.1: Number of outgoing students progressing to higher education

Data Requirement :(As per Data Template)
Number of students proceeding from

- UG to PG
- PG to MPhil
- PG to PhD
- MPhil to PhD
- PhD to Post-doctoral

Formula:

$$\frac{\text{Number of outgoing students progressing to higher education}}{\text{Total number of final year students}} \text{X100}$$

15

2018-19		
Previous graduating batch	Total number of outgoing students	outgoing students progression to higher education
Number of outgoing students progression to higher education	1942	385

Formula:

$$\frac{\text{Number of outgoing students progressing to higher education}}{\text{Total number of final year students}} X100$$

Year	Percentage / year
2018-19	19.82

File Description (Upload)

- Upload supporting data for student/alumni
- Any additional information
- Details of student progression to higher education (Data Template)

Key Indicator - 5.3 Student Participation and Activities (20)

Metric No.		Weightage
5.3.1 **Q_nM**	***Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national/international events (award for a team event should be counted as one) during the last five years*** 5.3.1.1: Number of awards/medals *won by students* for outstanding performance in sports/cultural activities at inter-university/state/ national/international level (award for a team event should be counted as one) year wise during the last five years	**10**

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	61	93	19	18	21

Answer - 212

	Data Requirement for last five years: (As per Data Template) • Name of the award/ medal • Inter-university/State/National/ International • Name of the event **File Description (Upload)** • e-copies of award letters and certificates • Any additional information • Number of awards/medals for outstanding performance in sports/cultural activities at inter-university/state/ national/international level during the last five year (Data Template)	
5.3.2 **QlM**	***Presence of Student Council and its activities for institutional development and student welfare.*** Describe the ***Student Council and its activities for institutional development and student welfare*** within a maximum of 500 words The KAHE has a vibrant Student Council **Aim of the Student Council** The aim of the Student Council is to protect the rights of the students in terms of meeting their needs related to education, health, sports and culture by taking the issues to administrative and academic authorities and to involve in the institutional development. **Constitution of Student Council** The Student Council comprises of Chairperson, Secretary and a representative from each department. The Council functions under the overall supervision of the advisor. The Dean, Student Affairs participates in the meeting of Student Council as ex-officio. The eligibility criterion for nomination to Council includes regularity in attending the classes, a good record of conduct, academic excellence and participation in various departmental activities.It meets once in a semester and discusses issues of importance. **Functions of the Student Council relating to Curricular and Co-curricular activities** - The Student Council plays a major role in involving all the students in various programmes. - The Council has representation in the Board of Studies where they give feedback on the existing curriculum and the areas to be included for updation of the curriculum.	**5**

- The Council involves in the functioning of various clubs such as media, literary, fine arts and eco club to encourage students to portray their latent talents.
- It plays an active role in support of sports and cultural activities in identifying the students talents and motivating them to take active part in such activities.
- It also has representative in the Library Advisory Committee to ensure adequate availability of books, periodicals and other resources in the library.

Role of Student Council in Extension Activities

The Student Council takes active part in Swachh Bharat and Unnat Bharat Abiyan Schemes for the development of the adopted villages in the area of environment cleanliness, child education, health and hygiene programmes. The Student Council members are in NSS, NCC,YRC, Red Ribbon Club , Blood Donors Club and involve in Road Safety Awareness Programme.

The Student Council has done an impressive job in Delta Region during Kaja Cyclone and got appreciation from District Administration and local people. The Council has collected and distributed free cloths to the affected people and conducted medical camp to treat the ailments caused due to the cyclone.

Activities relating to Student Welfare

- The Student Council monitors the hostel facilities and if there is any break-down / repair to be done it is brought to the notice of the administration through deputy warden.
- It supervises maintenance of hygiene, choice and quality of menu in canteen and mess.
- Transport facilities are scheduled as per the requirements of students as suggested by the Council.
- It plays an important role in University-Industry linkage for the benefit of the students in identifying the companies for their internship and for placement.

The student council is sensitive to the welfare of its peers as well as contributes significantly for the development of the institution.

490 words

File Description

- Paste link for additional information
- Upload any additional information

5.3.3 **Q_nM**	***Average number of sports and cultural events / competitions organised by the institution per year*** 5.3.3.1: Number of sports and cultural events / competitions organised by the institution year wise during the last five years	**5**

Year	2019-20	2018-19	2017-18	2016-17	2015-16
Number	46	48	40	41	43

Data Requirement for last five years: (As per Data Template)

- Name of the event / competition

Formula:

$$\frac{\text{Numberofsports and cultural events or competitions organisedbytheinstitutionduring thelast5years}}{5}$$

File

Year	Number of sports and cultural activities / competitions	Average for 5 years
2019-20	46	43.6
2018-19	48	
2017-18	40	
2016-17	41	
2015-16	43	

Description

- Report of the event
- Upload any additional information
- Number of sports and cultural events / competitions organised per year (Data Template)

Metric No.	Key Indicator - 5.4 Alumni Engagement (10)	Weightage
5.4.1 Q_IM	***The Alumni Association/Chapters (registered and functional) contributes significantly to the development to the institution through financial and other support services during the last five years*** Describe contribution of alumni association to the institution within a maximum of 500 words The Alumni Association of Karpagam Academy of Higher Education, registered under the Societies Act (Registration Number: Sl. No: 302/2017). It is vibrant and active and contributing in the following ways for the development of their alma mater. **Alumni Contribution** Each Alumnus contributes Rs.500/- towards life membership fee.The total number of members of the Association are 8720 at present and the Corpus Fund is Rs.200.53 lakhs as on date. **Executive Committee** The Alumni Association Executive Committee consists of 8 members - President, Vice- President, Secretary, Joint Secretary, Treasurer and three members. The term forthe elected members is 3 years. **Annual Meeting** Every year alumni are meeting in the campus. Also, alumni meetings are conducted department wise and interact with the faculty and current students regarding their work experience and industries' expectation. After completing the department meeting, the alumni meet the Registrar and appraise the outcome of their discussion for the further consideration and implementation. **Academic Contribution of Alumni Association** **Boards of Studies** Alumni are special invitees to the Meeting of the Boards of Studies in all the Departments. They share their industry / job experience and expectation to update the syllabus periodically matching with the latest requirements of the industry. They also give their feedback about the teaching methodology adopted by the faculty.	2

Guest Lectures

The departments maintain contact with their alumni and regularly invite them to the department to deliver guest lectures which will enable the current students to understand the latest developments taking place in the socio-economic and industrial scenario of the country. They deliver guest lectures in the area of time management, work life balance, use of social media etc., They also deliver lectures on the importance of developing various skill sets, updating the latest techniques, type of training required for the industries. During the last five years, 49 Alumni delivered guest lectures on different topics and another 32 delivered motivational talk.

Mock Interview

Alumni are invited by their respective departments to conduct mock interviews, which help the current students to face the interviews with confidence.

Support for Placement

A few Alumni take special care and include KAHE for recruitment of employees for their own establishments.

Support for Extension Activities

Some of the alumni working in corporates are getting support from their organizations to participate in the extension activities like, Health Awareness, Women Empowerment Programs and Computer Literacy Programmes.

393 words

File Description

- Paste link for additional information
- Upload any additional information

5.4.2 **Q_nM**	***Alumni contribution during the last five years (INR in lakhs)*** **Options:** **A. ≥ 100 Lakhs** **B. 50Lakhs - 100 Lakhs** **C. 20 Lakhs - 50 Lakhs** **D. 5 Lakhs - 20 Lakhs** **E. <5 Lakhs** **Answer - A - ≥ 100 Lakhs** Data Requirement for last five years (year wise): • Alumni association / Name of the alumnus Alumni association:Karpagam Academy of Higher Education Alumni Association • Quantum of contribution • Audited Statement of account of the institution reflecting the receipts. **File Description** • Upload any additional information	**8**

Year	2019-20	2018-19	2017-18	2016-17	2015-16	Total
Alumni contribution in Lakhs	46.10	44.31	41.22	36.47	32.43	200.53

Criterion VI – Governance, Leadership and Management (100)

Key Indicator - 6.1 Institutional Vision and Leadership (10)

Metric No.		Weightage
6.1.1 **QlM**	***The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance*** Write description in maximum of 500 words The Vision and Mission of Karpagam Academy of Higher Education are: **VISION** To impart value-based quality education, to undertake scientific, socially relevant research and instil creativity among learners, to enable, enlighten and enrich them to serve and lead the society**.** **MISSION** ▪ Educating the learners to acquire latest knowledge and skills in their respective domain through e-platforms. ▪ Undertaking research in socially relevant, scientific and technology oriented projects. ▪ Empowering rural women and marginalised sections of the society. ▪ Imbibing the culture of creativity and innovation among learners. ▪ Making the learners to be self-reliant and moulding them as responsible citizens The vision and mission of the Institution are reflected in the academic and administrative governance through the following. **Imparting Quality and Value Based Education** The academic governance ensures quality in curriculum development, teaching-learning and evaluation. - The curriculum is designed in such a way that it is outcome based. The 'desired outcome' is identified first and then the curriculum, instructional materials and assignments are developed to achieve the intended outcome. - Curriculum is being revised periodically to include latest developments taking place in the field based on the feedback given by the stakeholders. - Socially significant issues such as environmental sustainability, gender sensitivity, professional ethics are integrated into curriculum.	**5**

- Experimental learning, participative learning are used for enhancing learning experiences.
- Field projects / internships are made mandatory for learners to get hands-on-experience.
- ICT enabled tools including online resources are used to make teaching-learning effective.

Instilling originality in the learning minds

- 'Innovation Cell' established to experiment the innovations.
- Training on creativity and IPR are given periodically.
- 'Pitch your idea' is an exclusive programme conducted for learners to come out with the innovative ideas and they are rewarded for best ideas.
- Technology Business Incubator was established and 10 startups are functioning.

Research and Development

- The Institution is undertaking various socially relevant, scientific and technology oriented research projects by its own as well as in collaboration with national and international agencies
- It caters the needs of the society by offering consultancy in the socially relevant areas
-

Empowering Rural Women and Marginalized Sections of the Society

- Computer functional literacy to rural women
- Empowering rural women on digital transactions
- Educating women on menstrual hygiene, breast cancer, and organ donations
- Awareness programs onfemale foeticide
- Enlightening women on various Governmental support schemes available

Responsible Citizen

- Unnat Bharat Abhiyan and Swachh Bharat Abhiyan schemes are implemented to make the learners socially responsible.
- Educating the learners as law abiding citizens
- Making the learners to understand the human values, commitment and socially responsible by involving them during natural calamities and fight against social evils like corruption, drug and alcohol addition

The institution keeps in mind its vision and mission and ensures that academic and administrative governance fulfill its vision and mission.

480words

File Description

- Paste link for additional information
- Upload any additional information

6.1.2 **QlM**	***The effective leadership is reflected in various institutional practices such as decentralization and participative management.*** Write description in maximum of 500 words The Vice-Chancellor is the Chief Executive Authority of the Institution and executes the directions issued by the Board of Management and Government agencies. The Board of Management is the highest decision making body and monitors the attainment of the vision, mission of the Institution by delegating and getting the things done by administrative / academic bodies with the overall direction by the Vice-Chancellor. For effective and efficient management of the Institution, the Vice-Chancellor delegates and decentralizes some of his powers and authority to other officials of the Institution. Again, for taking effective decisions he practices participative management where the connected people are involved and it is a team which takes decision. Academic Domain: There are four Faculty of Studies – (i) Arts, Science and Humanities, (ii) Engineering, (iii) Architecture and (iv) Pharmacy and each faculty is headed by a Dean. They develop common framework and within which the Departments under the respective faculty are advised to perform their academic activities. The Dean monitors the functioning of the Departments and report back to the Vice-Chancellor. The Heads of the Department are given freedom to frame Regulations and Curricula, Teaching, Learning and Evaluation Process, Research and Student Support Activities and their effective implementation come under the overall guidance and supervision of respective Deans. It is the responsibility of the teaching faculty to prepare lesson plan, teaching diary, maintaining log books, and to adopt suitable modern teaching methods including the use of ICT. The responsibility of the administration is restricted to provide necessary infrastructure, equipments, learning resources, and favourable environment. Administrative Domain: The overall Administration is delegated to the Registrar who is the custodian of all records / properties of the Institution. The administrative wings of the Institution such as Establishment, Finance, Examination and Research are given administrative freedom in	**5**

	their respective domains. For instance, Establishment section takes care of appointment and service conditions of employees and deal with communication received from the UGC and other regulatory bodies. Again, the Finance section is vested with the responsibilities of preparation of annual budget, expenditure statements, financial audits and preparation of annual accounts report. The Examination section is given full autonomy to draw the examination schedule, conduct of examination and declaration of results. Likewise, the Research section admits students by conducting entrance test and also takes care of Doctoral Committee Meetings etc. In this way the functions of Examination section and Research section are decentralized. In both academic and administrative domains, the decisions are taken democratically through participative management. For instance, in the Board of Studies, internal academic experts, external experts from academia, industries / professional bodies participate when deciding the curriculum. Student representatives are also invited as special invitees. Similarly, the Academic Council has internal academic experts, representatives from industries / professional bodies and eminent academicians to deliberate the academic matters and takes decision. Thus, one could see the effective leadership of the institution is reflected in all the institutional practices. **486 words** **File Description** • Paste link for additional information • Upload any additional information	

Key Indicator - 6.2. Strategy Development and Deployment (10)

Metric No.		Weightage
6.2.1 **QlM**	***The institutional Strategic plan is effectively deployed.*** Describe one successfully implemented activity based on the strategic plan within a maximum of 500 words Karpagam Academy of Higher Education formulated Perspective Plan during 2014 which included 7 year Strategic Plan. The main aspects of the Strategic Plan are to establish: - B.Pharmacy in 2015-2016 - B.E. Biomedical Engineering in 2016-2017 - B.Tech. Chemical Engineering in 2016-2017 - 360°Studio to record the video lectures in 2017 - Photovoltaic solar power plant to generate renewable energy in 2017 - Drug Testing Laboratory to carry out the tests on Drugs & Pharmaceuticals in 2018 - Advanced Interdisciplinary Research Centre 2018 - Advanced Battery Research Centre in 2019 - Technology Business Incubation Centre in 2019 - B.E. Artificial Intelligence and Data Science 2020-2021 - Material Science Laboratory 2020 - Quality Management and Environment Management system and get ISO certification - ISO certification 2020 - Cancer Research Laboratory 2021 **Drug Testing Laboratory – One of the successfully Implemented Activity** Establishment of the Drug Testing Laboratory (DTL) is one of the aspects of Strategic Plan and the Laboratory was established in 2019. The laboratory has the state of art instruments such as High-Performance Liquid Chromatography, UV-vis Spectrophotometer, IR Spectrophotometer, Dissolution Apparatus, and Disintegration apparatus. The Laboratory is approved by the Director of Drugs Control, Tamil Nadu. Within two years of its establishment, the Laboratory has become vibrant in its functioning. The Laboratory provides services to carry out the tests on Drugs and	**3**

	Pharmaceuticals, Active Pharmaceutical Ingredient (API) and intermediates used in manufacture of all scheduled Drugs including C and C1, vitamins, antibiotics, cosmetics, Homeopathies etc., as per Indian Pharmacopoeia and Bureau of Indian Standards. The Laboratory also carries out the test for pharmaceutical evaluation of tablets, capsules, syrups, ointments, suspension, and cosmetic evaluation for shampoos, soaps, creams, gels, dusting powders, facemask, hair oil and hair serum. It also conducts stability studies for cosmetics to determine the shelf life of the products. The laboratory collaborates with the Department of Chemistry, Biochemistry and Biotechnology for performing HPLC analysis and UV analysis. The Life Sciences and Pharmacy Department undertake research in phytochemical and pharmacokinetics which require testing and authenticating by a certified centre and the lab provides such support. It provides training to students of various departments in HPLC, UV, IR and required professional skill to the students of Faculty of Pharmacy. This Laboratory plans to expand current testing process into microbiological testing and to get accredited by NABL. The Laboratory has provided services to Juicy Chemistry, Vilvah stores, Nano Remedies, Mediline Agencies, Mehta Herbs, Graphite Therapeutics, Kashvvi Life Sciences, GencarbEcotech and Karpagam LLP. The laboratory has analyzed 310 samples within a period of one year and generated revenue of Rs.3.0 lakhs. Similarly, other strategic plans are implemented as per the schedule. The institution reviews the implementation of various components of strategic plan periodically and introduces modifications, if required. **457 words** **File Description** • Strategic Plan and deployment documents on the website • Paste link for additional information • Upload any additional information	
6.2.2 **Q_IM**	***The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.*** Write description in maximum of 500 words The Institution is functioning under the overall regulations of	**2**

Memorandum of Associations / Rules as approved by the Statutory Bodies of the University.

The Institutional bodies such as Board of Management, Planning and Monitoring Board, Finance Committee, Academic Council and Board of Studies are constituted as per the UGC(Institution Deemed to be Universities) Regulations 2019. The members nominated to these bodies are well known for their academic eminence and with impeccable credentials.

Functioning of Institutional Bodies

- **Board of Management**

  The Board of Management is the apex executive body in respect to academic, administrative, personnel, financial and development issues of the Institution. The Board has met 18 times during the last five years and have dealt with more than 200 academic and administrative issues for the development of the Institution.

- **Planning and Monitoring Board**

  The Planning and Monitoring Board is the principal Planning Body and has prepared Perspective Plan of the Institution which include 5 year Action Plan and 7 year Strategic Plan for the overall development of the Institution. It meets once in a year with UGC nominee for its effective functioning.

- **Finance Committee**

  The Finance Committee meets twice in a year – one in February/March to consider the budget and in September/October to revise the budget and to approve the audited financial statements of the previous year. The expenditure incurred are well within the budget and the Institution maintains good financial health due to its financial jurisprudence.

- **Academic Council**

  The Academic Council is the principal academic body and responsible for the maintenance of standards of teaching, research and approval of curriculum. The council has approved the curriculum / modification of curriculum of 88 programmes. It met 15 times during the last five years.

- **Board of Studies**

  Board of Studies is constituted for UG and PG programmes of

	every department and this body frames the Curriculum for each programme and recommends to the Academic Council. It meets once in a year normally and includes representations from industry, society and alumni. So far curriculum was framed for 88 academic programmes. **Policies** A well-defined recruitment and promotion policy, Policy for Promotion of Research, Consultancy Policy, IT Policy, Research Ethics Policy, Students Grievance Redressal Policy and E-governance Policy are formulated by the Institution. These policies are approved by the relevant statutory bodies and implemented effectively. **Recruitment** The recruitment and promotion of teaching faculty is done as per the norms of the Regulatory bodies such as UGC / AICTE / CoA and PCI. **Service Rules** The Service Rules relating to probation, confirmation, leaves such as casual leave, on-duty leave, maternity leave, sabbatical leave and welfare measures such as Gratuity, PF are followed as per the Government norms. The existing administrative set up, policies and procedures are the clear testimony of the effective and efficient functioning of the Institutional bodies. **465 words** **File Description** • Paste link for additional information • Link to Organogram of the University webpage • Upload any additional information	
6.2.3 **Q_nM**	***Institution Implements e-governance in its areas of operations*** 6.2.3.1 e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination **Options:** **A. All of the above** **B.** 3 of the above	**5**

	C. 2 of the above **D.** 1 of the above **E.** None of the above Data Requirements: (As per Data Template) • Areas of e-governance Administration Finance and Accounts Student Admission and Support Examination • Name of the Vendor with contact details • Year of implementation **File Description (Upload)** • ERP (Enterprise Resource Planning) Document • Screen shots of user interfaces • Any additional information • Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	

Key Indicator - 6.3 Faculty Empowerment Strategies (30)

Metric No.		Weightage
6.3.1 **QlM**	***The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff*** Write description in maximum of 500 words Performance appraisal system of teaching faculty is in place. Institution follows Academic Performance Indicator (API) given by UGC for performance appraisal of faculty at the end of every year. The performance is being measured against factors such as subject knowledge, use of ICT in teaching process, books / articles published, projects and consultancy services undertaken, involvement in extension activities and academic and other co-curricular activities. The results of Performance Appraisal are the base for considering the teachers for their promotion and for the payment of incentives / increments. The Performance Appraisal of teaching faculty is evaluated by means of – 1. Self-appraisal 2. Appraisal by HOD	**4**

3. Appraisal by Students
4. Appraisal by IQAC

The institution has developed a structured format for self-appraisal, appraisal by Head of the Department, Students and by IQAC. The reports collected are analyzed and action taken.

Action Taken

- The action taken may vary from giving advice to the faculty members to improve their performance on the deficiencies pointed out by the HoD / Students and IQAC.
- Deputing faculty to Faculty Development Programmes.

Performance Appraisal of Non-Teaching staff

Performance Appraisal of non-teaching staff is conducted periodically to assess their knowledge on office systems and procedures, computational, communication, drafting skills and the number of administrative training programmes attended.

The main objective is to identify their training needs and to decide payment of incentives / promotion.

PROMOTION

Teaching Staff

The teachers shall be considered for promotion from one Academic Level to another as per the Career Advancement Scheme of UGC.

Non-Teaching Staff

All promotions of non-teaching staff are made by selection based on merit cum seniority.

WELFARE MEASURES

The welfare measures provide better physical and mental health to employees and promote a healthy work environment. The welfare facilities provided to teaching and non-teaching staff are:

Teaching Staff

- Contributory Provident Fund
- Gratuity
- Group Insurance
- Concessional transport facility
- Health benefits at Karpagam Medical College at subsidized cost
- Registration fee and travelling allowance to attend seminars and conferences

- Cash incentive to faculty who receive awards / recognition
- Cash incentive for their Research publications
- Registration fee for completing SWAYAM course
- Hostel accommodation
- Professional membership paid for the faculty
- Food at subsidized cost at the Institution hostel for inmates

Non - Teaching Staff

1. Contributory Provident Fund
2. Gratuity
3. Group insurance
4. Concession in tuition fee to the wards of the staff
5. Concessional transport facility
6. Health benefits at Karpagam Medical College at subsidized cost
7. Free coaching / training to upgrade the skill of the non-teaching staff such as training in tally, and training in office administration
8. Hostel accommodation

The Performance Appraisal of teaching faculty helps to improve their performance and the welfare measures motivate them to develop commitment and involvement.

453 words

File Description

- Paste link for additional information
- Upload any additional information

6.3.2

Q_nM

Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

10

6.3.2: Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number	349	252	227	250	223

Total - 1301

Data Requirement for last five years:(As per Data Template)

- Name of teacher
- Name of conference/ workshop attended for which financial support provided

- Name of the professional body for which membership fee is provided

Formula:

Percentage per year =

$$\frac{\text{Number of teachers provided with financial support to attend conferences,workshops and towards membership fee of professional bodies}}{\text{Number of full time teachers}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

= (96.12+74.22+62.69+68.22+64.67)/5

= 73.18

File Description

- Upload any additional information
- Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)

6.3.3

Q_nM

Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years

6.3.3.1: Total number of professional development / administrative training Programmes organized by the Institution for teaching and non-teaching staff year wise during the last five years

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number	44	42	44	43	49

Data Requirement for last five years:(As per Data Template)

- Title of the professional development Programmeorganised for teaching staff
- Title of the administrative training Programmeorganised for non-teaching staff
- Dates (From-to)

Formula:

$$\frac{\text{Total Number of professional development or administrative training Programmes organized for teaching and non teaching staff during the last five years}}{5} = \mathbf{222/5=44.40}$$

8

	File Description *(Upload)* • Reports of the Human Resource Development Centres (UGC ASC or other relevant centres). • Reports of Academic Staff College or similar centers • Upload any additional information • Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	
6.3.4 **Q_nM**	***Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course)*** 6.3.4.1: Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course) year wise during the last five years	**8**

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
Number	363	357	386	383	336

Data Requirement for last five years:(As per Data Template)

- Name of teachers
- Title of the Programme
- Duration (From -to)

Formula:

$$\text{Percentage per year} = \frac{\text{Total Number of teaching staff attending such Programmes}}{\text{Number of full time teachers}} \times 100$$

$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$$

= (100.00+100.00+100.00+99.73+95.72)/5

=99.09

	File Description • IQAC report summary • Reports of the Human Resource Development Centres (UGC ASC or other relevant centers). • Upload any additional information • Details of teachers attending professional development Programmes during the last five years (Data Template)	

Key Indicator – 6.4 Financial Management and Resource Mobilization (20)

Metric No.		Weightage
6.4.1 **Q_lM**	***Institutional strategies for mobilisation of funds and the optimal utilisation of resources*** Describe the resource mobilisation policy and procedures of the Institution within a maximum of 500 words KAHE has in-built strategies for effective and efficient utilization of resources based on the principles of financial jurisprudence. **Resource Mobilization Policy of KAHE** - To mobilize required resources for attainment of its strategic plans and achievement of vision and mission of the Institution. - To identify various sources of finance available for attainment of the policies and programmes. - To allocate budget for various activities efficiently. The Institution is the self-financed Deemed to be University and hence not getting any salary / development grants fromgovernment agencies. **The Institution generates its own resources through following sources:** 1. Tuition fees. 2. Funds from funding agencies DST/DBT/ICSSR/SERB/AICTE for specific projects. 3. Funds from Agencies such as National Human Rights Commission and Entrepreneurship Development Institute for specific programmes. 4. Donation from the philanthropists through creation of endowments. 5. Alumni contribution 6. Revenue through consultancy services.	4

- The institution collects tuition fees from the students of various programmes and this constitutes 92% of source of funds for the institution.
- The institution has secured Rs.541.61 lakhs from funding agencies such as SERB/DST/DBT/NHRC/EDI for earmarked projects.
- Donation from Philanthropists for creation of Endowments. 28 Endowments have contributed Rs. 28 lakhs which have been instituted by the philanthropists.This is the earmarked funds and the revenue generated are used for conducting specific endowment lectures and for the celebration of National and International Days.
- Rs. 552.13 lakhs generated through Consultancy Services is shared between the Institution and the Consultants as per the Consultancy Policy norms.

Preparation of Budget

The individual academic departments and administrative sections shall be instructed to prepare and submit the budget for the next financial year to the Registrar. The budget is then prepared by the Finance Officer after consolidating the budget submitted by the individual Heads of the Departments and Section Heads basing on the availability of funds. The budget is, then, submitted to the Finance Committee which considers and approves the budget and recommends to the Board of Management for its approval.

Optimal utilization of resources

Being a self-financing institution, the salary of the teaching and non-teaching staff, expenses connected with infrastructure augmentation and upgradation of laboratory are met outof tuition fee collected from the students.

The funds received from funding agencies are earmarked and fully utilized and utilization certificates are submitted to the funding agencies on time.

The interest accrued out of endowment funds is fully utilized for which the endowments have been instituted.

The contributions made by alumni are being spent for convening the meeting of alumni association and for organizing guest lectures.

The revenue generated out of consultancy services after paying 70% to the consultants is being spent for strengthening the laboratory of

the departments which offer consultancy services.

Thereby, the instituion optimally utilize the funds, as much as 95% generated through various sources are being spent for the students, employees and for the overall development of theInstitution.

479 words

File Description

- Paste link for additional information
- Upload any additional information

6.4.2

Q_nM

Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

6.4.2.1: Total Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in ***Lakhs***)

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
INR in *Lakhs*	4.8	13.04	-	-	11

Answer :28.84

Data Requirement for last five years:(As per Data Template)

- Name of the government funding agencies/ individuals
- Funds/ Grants received

File Description (Upload)

- Annual statements of accounts
- Any additional information
- Details of Funds / Grants received from government bodies during the last five years (Data Template)

8

6.4.3

Q_nM

Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

6.4.3.1: Total Grants received from non-government bodies, individuals, philanthropers year wise during the last five years (INR in ***Lakhs***)

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
INR in *Lakhs*	67.24	62.17	51.13	41.71	95.03

Value: 317.28 Lakhs

6

Data Requirement for last five years:(As per Data Template)

- Name of the non government funding agencies/ individuals
- Funds/ Grants received

File Description (Upload)

- Annual statements of accounts
- Any additional information
- Details of Funds / Grants received from non-government bodies during the last five years (Data Template)

6.4.4 — **2**

QlM

Institution conducts internal and external financial audits regularly

Enumerate the various internal and external financial audits carried out during the last five years with the mechanism for settling audit objections within a maximum of 500 words

KAHE conducts both internal and external audits regularly. The internal audit is done by internal auditors and the objections raised by the internal auditors are answered then and there and the accounts are finalized. The external audit is done within a period of six months of closing of the financial year by the external Statutory Auditor.

The details of audit objections raised in the last 5 years i.e. from 2015-16 to 2019-20 and the mechanism of settling of objections are given below.

Year	No. of Objections
2015-16	02
2016-17	02
2017-18	02
2018-19	03
2019-20	Nil
Total	**09**

Mechanism for settling audit objections:

The internal auditors check and verify the accounts continuously as and when the accounts files are submitted to him by the Finance Officer. The internal auditor scrutinizes every item of purchase made, documents relating to quotations called, quotation documents, copy of comparative statements, minutes of the purchase committee, copy of the order placed, invoice, corresponding stock entries etc.

Similarly, the details of advances paid for different purposes such as conduct of seminars / conferences, club and cell activities, sports and cultural activities and other academic and administrative related activities, settlements of advance within the reasonable period etc.

Again the auditors check all the documents relating to building constructions, payment made to the contractors and also documents relating to the payment made to the service providers such as 'security services' ,' transport services', 'canteen services' and 'cleaning services'.

The auditors will also check up the qualification of the teaching staff appointed, order of appointment and scale of pay fixed.

Similarly all accounts details pertaining to funds received from funding agencies for research, accounts relating to seed money given, expenditure details, utilization certificate issued etc. will also be scrutinized by the auditors.

After checking and scrutinizing the documents the internal auditor will ask for the details, any clarification if required and if the answers / documents provided by the Finance Section are satisfactory, he will approve the accounts, then and there and it is a process of continuous audit.

The external auditor will scrutinize all the transactions and accounts statements submitted by the Finance Section after completion of financial year. After scrutinizing the accounts, the external auditor shall submit 'statement of audit objections' for which the Finance Section has to submit the answers / compliance within reasonable time. If the answer provided by the Finance Section is satisfactory the external auditor shall drop the objections. On an average, the two or three objections in each year are raised by the auditor in the last five years and all those objections are satisfactorily answered and the objections were dropped.

The audited financial account statements and Auditor Report shall be submitted to the Finance Committee foritsconsideration and then taken to the Board of Management for approval.

467 words

File Description

- Paste link for additional information
- Upload any additional information

Key Indicator - 6.5 Internal Quality Assurance System (30)

Metric No.		Weightage
6.5.1 Q_IM	***Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals*** Describe two practices institutionalized as a result of IQAC initiatives within a maximum of 500 words The IQAC of Karpagam Academy of Higher Education (KAHE) is taking all efforts to institutionalize the Quality Assurance Strategies to enhance the academic performance since inception. The following two strategies are adopted by IQAC **1.Relevance of Teaching Learning modalities for the diverse group** One of the strategies taken up by the IQAC is, to ensure that the Teaching Learning modalities are relevant for the diverse group of students like slow and advanced Learners, Rural/Urban and Physically Challenged. Bridge Courses are conducted for the students who lack the minimum knowledge required to understand a course at the beginning of the Course. By this, students feel comfortable and are enabled to enhance their learning level. IQAC has formed an Internal Committee for the disabled students to cater to the needs of the physically challenged. The Committee interacts with the students with disabilities to understand their needs and take necessary action to fulfill the same. Different teaching methodologies need to be used by the faculty members to enable the diverse group of students to get involved in the teaching learning process and thereby improving their academic performance. It has been made mandatory to record the teaching methods in the Course Log Book by the faculty members. The IQAC reviews the log book, course file and other documents once in a semester in each department and initiates action plan by the concerned. The IQAC receives feedback from the stakeholders on curriculum, analyses and advises the respective departments for appropriate action. **2. Technology enabled teaching and learning** The Institution has taken initiative to deploy ICT enabled teaching on continuous basis. The open source LMS software MOODLE has been	10

	customized to the institution's academic requirements and the course materials are loaded in MOODLE by the faculty members for the courses handled by them. Google ClassRoom application is also used to enable the students to access the course material at any point of time and location. MOOCs is yet another source of learning for both students and faculty members. Two Coordinators were identified at the institutional level and they disseminate the information related to SWAYAM/NPTEL Courses to the Department Coordinators, who in turn coordinate with the students and faculty members right from the registration to the publication of results. Faculty members are motivated to study the online courses offered in SWAYAM Portal to enrich their knowledge. A few of the faculty members achieved higher rankings (toppers) and special awards at the national level. IQAC closely monitor this. Further, e-content development facility has been established to record the lectures delivered by the faculty members. So far 980 E-content lectures have been developed. IQAC has taken steps to establish a 360 degree studio in the campus and made arrangements to take audio, video lectures in Swayam and E-Pathasala Portal. IQAC interacts with the concerned and ensures that all the above methods are practiced regularly. **476 words** **File Description** • Paste link for additional information • Upload any additional information	
6.5.2 **Q_nM**	***Institution has adopted the following for Quality assurance* (10)** ***1. Academic Administrative Audit (AAA) and follow up action taken*** ***2.Conferences, Seminars, Workshops on quality conducted*** ***3. Collaborative quality initiatives with other institution(s)*** ***4.Orientation programme on quality issues for teachers and students*** ***5. Participation in NIRF*** ***6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)*** **Options:** **A. Any 5 or more of the above** B. 4 of the above C. 3 of the above D. 2 of the above E. 1of the above Data Requirement for last five years:(As per Data Template) **Quality initiatives**	**10**

	• AQARs prepared/ submitted • Academic Administrative Audit (AAA) and follow up action • Conferences, Seminars, Workshops on quality conducted • Collaborative quality initiatives with other institution(s) • Orientation programme on quality issues for teachers and students • Participation in NIRF • ISO Certification • NBA or any other certification received **File Description** • Paste web link of Annual reports of University • Upload e-copies of the accreditations and certifications • Upload any additional information • Upload details of Quality assurance initiatives of the institution (Data Template)	
6.5.3 **Q_IM**	***Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)*** ***Post accreditation quality initiatives (second and subsequent cycles)*** Describe quality enhancement initiatives in the academic and administrative domains successfully implemented during the last five years within a Maximum of 500 words each IQAC has been established as a post accreditation initiative to improve the quality of education in KAHE. It is headed by Director and supported by Co-ordinator and a team of 16 members. The following initiatives were taken at different point of time to sustain and improve the quality in various aspects. 1. Choice Based Credit System (CBCS) has been implemented from 2015 as per the guidelines issued by UGC with letter and spirit. 2. UGC and AICTE model curriculum is followed for Science, Management and Engineering Programmes and Curriculum suggested by Council of Architecture and Pharmacy Council of India are followed for Architecture and Pharmacy Programmes respectively. 3. UGC (Minimum Standard for M.Phil. and Ph.D. degree) Regulations 2009, 2016 and 2018 are followed in admission procedure, conduct of the programme and evaluation of M.Phil. and Ph.D. Programmes. 4. For effective teaching-learning process, academic schedule, log books and course files are prepared by the faculty which are verified by the HOD/Dean concerned. 5. Depending on the nature of programme / course any one or more of the following activities are adopted by the faculty. i. Student projects / internships in industries or relevant	**10**

professional bodies.

ii. Industrial visits / field visits / Hands on training / Studio work for exponential learning by students.

iii. Seminars / workshops to equip the students to know latest developments that have taken place in the respective domains / critical analysis of systems and procedures followed and / or new systems, innovations that could be attempted.

6. Training and Placement Cell has been strengthened. Students are given training in communication skills, general knowledge and in developing positive attitude.
7. Coaching is given by Career and Guidance Centre to students for taking competitive examinations such as NET/SET/ Civil Services/ Banking / GMAT etc., to find better placement. As of now 55 percent of outgoing students got placement through campus interviews and opportunity for higher education.
8. As part of quality initiative, faculty members are motivated to publish besides UGC CARE journals, in SCOPUS and Web of Science indexed journals. As a result, 2500articles have been published in the above journals.
9. The Institution has established strong linkages with industry. It offers industry specific curriculum and training programs through tie-ups with institutions like Tata Consultancy Services, Infosys, Insurance Institute of India, C-DAC, Micro, Small and Medium Enterprises (MSME), BSNL, Aqua sub Engineering and Sriram Engineering.
10. The Institution has entered into MoUs / Collaborative Agreements with 180 institutions / industries both at the National and International levels. IQAC ensures that all these MoUs are functional.
11. IQAC coordinates with departments in consultancy activities.
12. IQAC is instrumental in organising faculty empowerment programmes for both teaching and non-teaching staff.
13. IQAC is instrumental in submission of institutional AISHE, NIRF and AQAR data and data sought by other statutory agencies on time.

473 words

File Description

- Paste link for additional information
- Upload any additional information

Criterion VII–Institutional Values and Best Practices (100)

Key Indicator - 7.1 Institutional Values and Social Responsibilities (50)

Metric No.		Weightage
	Gender Equity	
7.1.1 **QlM**	*Measures initiated by the Institution for the promotion of gender equity during the last five years.* Describe gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words Gender Sensitization through education can be an effective and primary tool to bring change in thought process of students. The main focus is to break the stereotypes and mindset related to gender prevalent in the society. Gender sensitization helps to empower women in developing a strong progressive society. In the beginning of the academic year, induction programmes for freshers are organized by all the departments and one of the areas dealt with in the induction programme is Gender Equality and Gender Sensitization. As per the guidelines of UGC on Gender Champions to the educational institutions, about thirty Gender Champions were selected and guided through workshops and guest lectures on Gender Equity. Gender Champions in turn propagated the same to their peers. Gender Sensitization Cell organizes and conducts special lectures, competitions and awareness throughout the year. Eminent social activists in the area of Gender Equality deliver special lectures. It is important for the women to have economic freedom for which self-employment provides a greater scope. Hence, the Institution regularly organizes programmes on specific entrepreneurship opportunities available to women students in the Pharmacy, Life Sciences, Engineering and Commerce and Management programmes. In the last five years , 932 women students have participated in such EDPs. The institution has both men and women wing in NCC and the cadets have participated in National level events and received awards and certificates. Self-defense training programmes in Silambam, Judo and Karate are organized exclusively for women students. The Institution encourages and organizes various sports activities and yoga for both the gender.	**5**

	Women Development Cell conducts programmes periodically for empowering women. Women's Day is conducted in a grand scale. Gender positive materials and modules form an integral part of FDPs. One-third representation is offered to women in various statutory bodies like Board of Studies, Board of Management, Academic Council, Planning and Monitoring Board , Finance Committee and other non-statutory Committees. Safety and Security are more important for the students and faculty and for this purpose the entire campus is connected through CCTV cameras. Security guards are posted for 24 hours. A well experienced and qualified counselor is regularly interacting with students to sort out their psychological problems. Mentor-Mentee system is existing from the inception of the institution to provide better guidance to the students. Gender sensitization through education can be an effective and primary tool to bring change in thought process of students. The main focus should be on breaking the stereotypes and mindset related to gender prevalent in the society. Gender sensitization helps to empower women in developing a strong progressive society. **426 words** *Provide Web link to:* • Annual gender sensitization action plan • Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children *e.* Any other relevant information	
	Environmental Consciousness and Sustainability	
7.1.2 **Q_nM**	***The Institution has facilities for alternate sources of energy and energy conservation measures*** 1. Solar energy✓ ☐ 2. Biogas plant✓ ☐ 3. Wheeling to the Grid ✓ ☐ 4. Sensor-based energy conservation✓ ☐ 5. Use of LED bulbs/ power efficient equipment ✓ ☐ **Options:**	**5**

	A. **4 or All of the above** B. 3 of the above C. 2 of the above D.1of the above E. None of the above ***Upload:*** • ***Geotagged Photographs*** • ***Any other relevant information***	
7.1.3 **QlM**	***Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)*** • **Solid waste management** • **Liquid waste management** • **Biomedical waste management** • **E-waste management** • **Waste recycling system** • Hazardous chemicals and radioactive waste management The institution effectively manages degradable and non-degradable wastes such as Solid Waste, Liquid Waste, E Waste and Waste Recycling System. Institution is not using Biomedical, Hazardous and Radioactive materials. **Solid Waste Management** Solid wastes refer to waste paper, old answer scripts, old newspapers, broken glassware and condemned laboratory equipment, plastics and construction debris. Solid wastes such as construction materials includingbroken bricks, cement blocks, iron rods, shuttering wastes which form the major part are cleared by the building contractor as the entire construction related works are outsourced. The Institution does not deal with such type of solid wastes on its own. Old newspapers are disposed to the newspaper supplier as per the prevailing market rate. Used answer scripts are shredded and sold to waste paper merchants. Tree leaves, wooden logs are used for vermi-compositing periodically. The obtained manure is used as organic manures for trees, shrubs, grass and in herbal garden within the Institution. Apart from these manures are distributed to needy people in adopted villages also.	**4**

	Liquid Waste Management The Institution has constructed and erected two Sewage Treatment Plants (STP)with 3.5 lakhs litre capacity. Liquid wastes such as kitchen waste, dining hall waste, canteen liquid waste and sewage from hostels are collected through pipeline to sewage treatment plant for treatment. This treated water is used to irrigate the garden and trees sprinklers are used for watering of the landscaping. Solid wastes generated in the STP are disinfected and used as manure. The institution is always using non-hazardous chemicals for the laboratory use. The used chemical liquid wastes are pre-treated before connecting to the sewage treatment plant for further treatment. The microbiological wastes are segregated into contaminant and non-contaminant wastes. The contaminant wastes are disposed by autoclaving method. The non-contaminant wastes are disposed by chemical disinfectants methods. **E-Waste Management** Electronic Wastes such as computer peripherals, cables, small circuits, are sold to Green Era Recyclers which is authorized by the Pollution Control Board under MoU signed between the Institution and Green Era Recyclers. The computer systems which are used for more than three years are given to suppliers while buying new systems under buy back scheme. **Waste Recycling System** Waste materials iron rods, iron sheets, plywoodare collected and used in the centre for production and service facility which also helps the students for their mini projects. Architecture department also using this waste material for their construction lab activities. Scientific and systematic management of degradable and non-degradable wastes have enabled the Institution to keep its campus clean, healthy and pleasant environment. **421 words** **Provide web link to** • Relevant documents like agreements /MoUs with Government and other approved agencies • Geotagged photographs of the facilities • Any other relevant information	
7.1.4 **Q_nM**	***Water conservation facilities available in the Institution:*** **1. Rain water harvesting ✓** ☐ **2. Borewell /Open well recharge✓** ☐ **3. Construction of tanks and bunds✓** ☐ **4. Waste water recycling ✓** ☐ **5. Maintenance of water bodies and distribution system in the** ☐	**4**

	campus✓ **Options:** **A. Any 4 or all of the above** B. 3 of the above C. 2 of the above D.1of the above E. None of the above Upload : • Geotagged photographs / videos of the facilities • Any other relevant information	
7.1.5 **Q_nM**	***Green campus initiatives include (4)*** 7.1.5.1. The institutional initiatives for greening the campus are as follows: **1.** Restricted entry of automobiles✓ 2. Use of Bicycles/ Battery powered vehicles✓ 3. Pedestrian Friendly pathways✓ 4. Ban on use of Plastic✓ 5. landscaping with trees and plants✓ **Options:** **A. Any 4 or All of the above** B. 3 of the above C. 2 of the above D.1of the above E. None of the above **Upload** • Geotagged photos / videos of the facilities • Various policy documents / decisions circulated for implementation • Any other relevant documents	**4**
7.1.6 **QnM**	***Quality audits on environment and energy are regularly undertaken by the institution (5)*** 7.1.7.1.The institutional environment and energy initiatives are confirmed through the following **1.Green audit ✓** **2. Energy audit ✓** **3.Environment audit✓** 4.Clean and green campus recognitions/awards **5. Beyond the campus environmental promotional activities✓** **Options:** **A. Any 4**or all of the above	**5**

	B. 3 of the above C. 2 of the above D.1of the above E. None of the above Upload: • Reports on environment and energy audits submitted by the auditing agency • Certification by the auditing agency • Certificates of the awards received • Any other relevant informations	
7.1.7 **Q_nM**	***The Institution has disabled-friendly, barrier free environment*** 1. Built environment with ramps/lifts for easy access to classrooms.✓ ☐ 2. Disabled-friendly washrooms ✓ ☐ 3. Signage including tactile path, lights, display boards and signposts ✓☐ 4. Assistive technology and facilities for persons with disabilities (*Divyangjan*) accessible website, screen-reading software, mechanized equipment✓ ☐ 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading ✓ ☐ **Options:** **A. Any 4 or all of the above** B. 3 of the above C. 2 of the above D.1of the above E. None of the above Upload: • Geotagged photographs / videos of the facilities • Policy documents and information brochures on the support to be provided • Details of the Software procured for providing the assistance • Any other relevant information	**4**
	Inclusion and Situatedness	
7.1.8 **Q_lM**	***Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).*** **KAHE has taken the following initiatives for inclusive environment** 1. Creating data base pertainingto diversity and inclusion. 2. Creating conducive environment to provide greater access, inclusion, visibility, safety, support and resources for diversity and inclusion.	**5**

3. Conducting training / professional development programmes relating to diversity and inclusion.
4. Conducting programmes and events those propagate and educate diversity and inclusion.
5. Providing adequate financial resources in the form of scholarships to under-represent identities.

Institutional efforts to provide inclusive environment

- International students from Sudan, Uganda, Ethiopia andfrom other Indian states like Kerala, Karnataka, Andhra and North India are enrolled in different programmes in addition to students from Tamil Nadu.
- The Institution does not discriminate students and faculty members based on their language, religion, caste, state and country.
- All the students are given equal importance and opportunities in the selection of curricular, co-curricular and extra-curricular activities of their choice. Students of diverse religions and languages remain coexist and provide better harmony. The AICTE recently sent students from Jammu and Kashmir to study various degree courses throughout India to bring harmony at national level and under this scheme one J & K student is studying in KAHE.
- National, cultural and religious festivals like Republic Day, Pongal, Onam, Ramzan and Christmas are jubilantly celebrated and all the students and the faculty participate to demonstrate their harmony, inclusiveness and togetherness.
- To bring harmony among the students, National Level Cultural competition in the name of “Pranaya” is celebrated every year. In this cultural competition, students from various States participate to show their talents. Similarly, mother tongue day is celebrated.
- Anti-Discrimination cell organizes lectures, poster presentation events to spread the message of Anti-discrimination among the students and faculty.
- Students are motivated to organize department and institution level programmes to have harmony in working as a team with other gender /communal /regional /language students.
- Students are involved in extension activities through Swatch Bharat Abhiyan to mingle with the local community to understand their living conditions. This experience creates humility among the students in adjustability and adoptability in their life9.
- To improve the social forestry in the villages, more tree saplings are planted. The rural people are encouraged to plant the tree saplings to produce more oxygen and to bring more rain in their villages.
- Awareness programmes and training are given to the village people for digital literacy by using their mobile phone, computers etc., Programmes about the use of digital payment methods are also conducted for the

	benefit of the rural people and vendors. - A program on Menstrual Health Hygiene is regularly conducted for adolescent girls. The NSS team has distributed sanitary items. From the above, it could be seen that constructive efforts are taken by the Institution to provide inclusive environment in the campus thereby the values of tolerance and harmony are imbibed in students. **480 words** ***Provide Web link to:*** • Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) • Any other relevant information.	
7.1.9 **QlM**	***Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens*** Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 500 words. KAHE has undertaken various activities to sensitise students and employees of the Institution to the constitutional obligations such as values, rights, duties and responsibilities. **Activities Relating to Values:** Values are nothing but principles of standards of behavior. The students and employees are sensitized to the values such as social, cultural, spiritual, moral / ethical and aesthetic. **Social values:** Social values are inculcated by making it an integral part of the students in the class room and in teaching. For instance, students are educated about good manners, courtesy and etiquettes while talking to a teacher, parent and friend. Ethics, more specifically, professional ethics which include honesty and integrity are part of curriculum in all the professional programmes. Students are sensitized to understand the dignity of labour and educated to respect hostel workers, security personnel, sweepers etc., Gender sensitization programmes are conducted to sensitise students on gender equality and respect women. Women students are sensitized, through conduct of women empowerment / development / entrepreneurship	**4**

programmes.

Students are involved in Swachh Bharat Abhiyan and Unnat Bharat Abhiyan Schemes. They show their concern towards the public by donating blood and spreading the importance of organ donation during the extension activities. This helps them to understand the importance of human values.

Cultural values: These are the core principles and ideals upon which the entire community exists. This includes custom which are traditions, rituals and beliefs. It also refers to art and architecture, language, costume etc.,

The institution has defined dress code to students to follow. To understand the value of customs, traditions and rituals, festivals like Saraswathi Pooja, Pongal, Christmas, Onam, Deepavali and Holi are celebrated. This also imbibes spiritual values among students.

A National Level 'PRANAYA' cultural programme is conducted every year which depicts classical / modern dances, songs etc.

Aesthetic values: The students of Architecture are taken to different places / countries to understand the value of heritage, temple architecture and other traditional and modern architectures to imbibe aesthetic values.

Fundamental Rights and Duties:
Independence Day, Republic Day and Constitution day are celebrated every year to sensitize the students and staff on fundamental duties and responsibilities of every citizen.
The fundamental rights such as Rights to Equality, Freedom, Religion are imbibed by admitting students of different religions / community, freedom. Rights to equality among students is ensured by establishment of various cells like Anti-discrimination Cell and Gender Sensitization Cell. Rights to protect the environment is also imbibed.

To cherish and follow the noble ideas which inspired national struggle for freedom, the Institution celebrates commemorative days of great freedom fighters like Mahathma Gandhi, Jawaharlal Nehru and Dr. Ambedkar. To develop scientific temper among students National Science Day is celebrated.

Further, NCC/NSS/RRC/YRC are in place to train the students to be responsible citizens and to make them responsible to protect the environment by making Environmental Education compulsory.

The above activities / programmes have greatly sensitized students and employees to constitutional duties, thereby to become responsible citizens.

491 words

	Provide weblink to : • Details of activities that inculcate values; necessary to render students in to responsible citizens • Any other relevant information	
7.1.10 Q_nM	***The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.*** 1. The Code of Conduct is displayed on the website ✓ ☐ 2. There is a committee to monitor adherence to the Code of Conduct✓ ☐ 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff✓ ☐ 4. Annual awareness programmes on Code of Conduct are organized ☑ **Options:** **A. All of the above** B. 3 of the above C. 2 of the above D.1of the above E. None of the above **Upload:** • Code of ethics policy document • Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims. • Any other relevant information	**5**
7.1.11 Q_lM	***Institution celebrates / organizes national and international commemorative days, events and festivals*** Describe the efforts of the Institution in celebrating /organizing national and international commemorative days, events and festivals during the last five years within 500 words Celebration gives immense happiness and blissful life to the students and faculty in the Institution. National and International days are occasions to educate and enlighten student community and the general public on issues of concern, and to mobilize resources to address global problems and to celebrate and reinforce achievements of humanity. Institution celebrate these days as spring board for creating awareness on various important themes. **COMMEMORATIVE DAYS** Commemorative Days are celebrated to remember past historical events,	**5**

national, freedom leaders to sow the seed of patriotism among students. 11 Commemorative Days are celebrated in a year.

The following Commemorative Days are celebrated in the Institution.

S. No.	Date	Day
1	12th January	Swami Vivekanda's Birthday
2	30th January	Non-Violence day –Mahathma Gandhi Martyrs Day
3	26th January	Republic Day
4	28th February	National Science Day – Dr.Sir.C.V. Raman
5	14th April	Dr.B.R. Ambedkar birthday to honor on drafting Indian Constitution
6	15th August	Independence Day
7	5th September	Teachers Day – Dr. Radhakrishnan Birth Day
8	2nd October	Mahatma Gandhiji Birthday
9	12th November	National Education Day – Maulana Abul Kalam Azad
10	22nd December	National Mathematics Day –Sir.Ramanujan
11	26th November	Indian Constitution Day

EVENTS

17Event days are celebrated in the Institution to provide knowledge on important global themes to the students.

S.No.	Date	Day
1	21st February	International Mother Language Day
2	1st March	Zero Discrimination Day
3	8th March	International Women's Day
4	22nd March	World Water Day
5	26th April	World Intellectual Day
6	6th June	Organ Donation Day
7	20th June	World Productivity Day
8	21st June	International Day of Yoga
9	15th September	Engineers Day
10	25th September	World Pharmacist Day
11	14th October	World Standards Day
12	15th October	World Students' Day
13	16th October	World Food Day
14	29th October	World Internet Day
15	14th November	World Quality Day
16	20th November	Universal Children's Day
17	10th December	World Human Rights Day

FESTIVALS

The main reason for celebrating festivals is because of the majority of them are more or less religiously centered. They also give a sense of enjoyment, relaxation and offer time needed to bond with family members / friends. They act like stress relievers and help to balance their emotions.

Life is a mixture of customs, traditions, moral values, beliefs and ideals which are passed on from one generation to another.

The following festivals are celebrated in the Institution.

S.No.	Day
1	Pongal
2	Onam
3	Deepavali
4	Christmas
5	Ramzan
6	Tamil New Year
7	Telugu New Year
8	Holi

The above commemorative days, events and festivals are conducted every year. In addition, some event, personality specific days are celebrated on the specific direction from the Government.

	445 words Provide weblink to : • Annual report of the celebrations and commemorative events for the last five years • Geotagged photographs of some of the events • Any other relevant information	

Key Indicator - 7.2 Best Practices (30)

Metric No.		Weightage
7.2.1 QlM	**Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.** **BEST PRACTICE -I** **Title of the Practice** Appraisal of Research Scholars' progress through Timeline Presentation and Annual Research Congress. **Preamble** The institution is adopting the UGC Regulations in toto for offering PhD programmes. The PhD registered candidates are allotted to the recognized research guides and the research candidates have to attend Doctoral Committee Meetings (DCM) twice in a year. The first meeting is conducted within six months of Registration. Normally, the title and course work are finalized in the first meeting. After the completion of the course work in the subsequent meeting materials and methods and statistical tools to be adopted are decided. In the next two DCMs progress of the research work including publications is assessed. In the fifth DCM, the paper publication status will be reviewed, and recommended for Pre-submission presentation. However, the institution has additional quality initiatives in convening meeting of Timeline Presentation and Annual Research Congress. In the Timeline Presentation other Research Guides of the same department are also involved in assessing the Research Progress of the Scholars. The research scholars at different stages of research works with their guides are present wherein the junior level research scholars are getting more input for their research work. In fact, this is a joint-exercise of all the Research Guides and Scholars. Annual research Congress is an extension of the same methodology except the academic experts of different subjects across the state are also involved	**30**

to review and fine-tune the entire research work. Thus, it is an additional quality initiative over and above the normal practice. Hence, construed as the Best Practice.

Objectives

The objectives of Timeline Presentationand Annual Research Congress are

(i) to ascertain the status of the research work of the scholars
(ii) to find out whether the scope of the research area chosen addresses the current issues and needs of the society
(iii) to fine tune the research title, objectives and methodology to be adopted
(iv) to critically evaluate the quality of their research work and publications

The Context

It is not practically possible to foresee the problems that may be encountered by the research scholars during the course of their research work. Such problems really act as a hurdle for the scholars and may find it difficult to show the progress of their research work. Timely availability of advice and proper guidance from the academic experts over and above the guidance given by the Research Guides will certainly keep the research scholars on track. Thus, apart from organizing routine Doctoral Committee Meetings, the Institution organizes Timeline Presentation and Annual Research Congress chaired by the Head of the Department and expert members from the respective field to offer suitable guidance and suggestions to the scholars, paves a wayto complete the research workin a scientific and systematic manner.

The Practice

The Institution takes necessary steps for arranging Timeline Presentation and Annual Research Congress every year. Timeline presentation is arranged in the month of June / July. Research section sends advance notification to the research scholars, respective guides and the Heads of the Department concerned about the schedule of Timeline Presentation. The research section also forwards a Power Point Template specifying the contents to be covered during the course of their presentation. The Head of the Department will act as a Chairperson for the Timeline presentation. All the research scholars along with their respective guides and faculty members of the department will attend the presentation. The forum offers an opportunity for research scholars to present their research problem in detail, progress and status of their research work, future plan and probable time period required for completing the research work. Based on research scholar's presentation, the observers comprising of Head of the Department, Guide and faculty members of the department

givefeedback and suggestions to the scholars to fine tune their research work in the right direction and to complete the research work on time.

Every year Annual Research Congress is organized in the month of December. A one-month advance notification is issued to the Research Scholars, Respective Guides and Heads of the Department about the schedule of Annual Research Congress. Sufficient instructions and suitable template are given to research scholars for preparing their Power Point Presentation. Scholarsshall prepare the extended abstract of their research work and presentthem. External experts are invited as Chairperson for Annual Research Congress and Heads of the Department act as a co-chairperson. Research scholars are permitted to present their research work in detail in the presence of external expert, co-chairperson, guide, faculty members of the department and research scholars. Based on his / her presentation, external expert fine-tuneshis / her research problem, objectives, appropriate methodology and also clarifies the doubts and offers necessary guidance for the progress of their research work. It is also a practice that the extended abstracts of the scholars are released as a Congress Proceedings.

During the last five years, 5 Time-line Presentations and 5 Annual Research Congress were conducted. Altogether 1381 Scholars participated in Time-line Presentation and 1210 Scholars participated in Annual Research Congress. 96 subject experts were invited from various disciplines.

Evidence of Success

In each and every Timeline Presentation as well as in Annual Research Congress, feedback is obtained from the external experts about the progress of research work of the scholars. The Research Scholars emotionally responded that through the research congress they learned a lot and it helped them to improve the quality of research work and gave them self-confidence to rectify nuances of their research work. External experts and guides strongly feel that it is highly an intellectual exercise and polish their research bent of mind also. The positive feedback received from the research scholars, academic external experts and research guides thus, are clear testimony for the success of this practice. Further, the positive comments given by the external examiners who evaluated the thesis confirm the success of the practice.

Problem Encountered and Resources Required

Occasionally, a few problems erupted on arranging and organizing Annual Research Congress. Few of the academic expert's time-schedule do not coincide with programme schedule, as they held up with their own academic assignments. Further, few experts who initially accepted to act as a resource person later on decline due to unexpected important official assignments in

their own institutions. In such cases, Institution has to choose an alternative expert to act as a Chairperson.

Concluding Notes

Considering the evidence of success, "Annual Research Congress" proves to be one of the best practices and quality research initiatives of institution, which other higher educational institution may emulate in their institution. Timeline presentation and Annual Research Congress offer a platform for research scholars for improving their presentation skills and have a chance to interact with a senior academic experts and peer researchers for properly drafting their research problem, objectives and methodology of the study. Further, these events provide an opportunity to identify the progress of research works of scholars and to receive fruitful guidance from academic experts for timely completion of their research work.Also due to this practice the scope for the publication of research papers in quality journals gets increased.

1181 words

BEST PRACTICE –II

Title of the Practice

Professional Hands-on-Experience to students of Civil Engineering on testing Road/ Construction Projects of both Government and Non-Government agencies.

Objectives

- To train them professionally with real-time projects.
- To involve and train the students of Civil Engineering Department Professionally through Hands on Experience.
- To practice different types of testing, such as soil testing, concrete cube testing, water sample testing, pipe pressure testing and road inspection.
- To expose them in different fields of the Civil Engineering.

The Context

The Government of Tamil Nadu is sanctioning crores of rupees to Municipal Corporations, Government Departments and Town Panchayats for the construction of buildings, roads, bridges, culverts and for laying down pipes for water supply. Central Government is also sanctioning many projects like smart city and NH road. These government departments execute the work by allotting the work to contractors after following due tender process.These contractors complete their work and claim funds allotted for the project.

Before making the payment, the Government Departments have to ensure that the work executed by the contractors meet the standard set so they go for testing the quality of work in terms of its strength, stability and the quality and quantity of materials used. For this purpose, the Government departments engage external Certified Civil Engineers. Five faculty members of the Civil Engineering Department are Government approved Engineers to certify. These faculty members take the students of Civil Engineering to observe, understand and train them in the field, thereby the students become really professional. Students are made to work independently. Under this context, the above practice assumes significance.

The Practice

Step 1

The faculty members are specialized under various streams like Structural, Water Resources, Geo – Technical, Environmental, Remote Sensing in the Department of Civil Engineering and who are registered professional engineers of the Government and their services are made available to the Municipal Corporations and Government Departments.

Step 2

The Government Departments and private sectors which have ongoing building construction and / or road projects, bridge/culvert projects, water supply through the contractors shall be contacting the approved engineers who are also faculty members of the Department of Civil Engineering.

Step 3

The Government agencies shall issue work order specifically mentioning the nature, testing and investigation to be done and the quantum of fees payable to them for the specific task.

Step 4

Once the work order is received by the Department of Civil Engineering, they will take required number of Civil Engineering students for the testing work and provide hands on experience to the students by involving them in the work.

Step 5

The faculty members and the students shall carryout the specific work allotted to them and in this process the students observe, understand the work, methodology of conducting the tests and its importance. When the students are directly involved in the testing process under the direct

supervision and guidance of their faculty members they acquire clear and precise professional expertise.

Step 6

After completing specific assignments the faculty members submit the test report to the Government /non-government Department which has assigned the work to the Institution.

This is the best practice followed by the Institution in providing hands-on-training to the students in addition to the faculty members extending their professional expertise to the Government Projects**.**

Evidence of Success

The above practice is followed by the Department of Civil Engineering since 2015. So far, approximately 600 students of Civil Engineering have acquired the practical skill of assessing the quality of the civil work of different nature.

The Institution has generated a revenue of around Rs. 22 lakhs through the above assignment. The revenue is shared between the faculty and the Institute in the ratio of 70:30, as a sort of incentive/recognition. This is yet another best practice, within this main practice.

There is also a steady increase in the number of Government organizations approaching the Institution for different type of testing of civil work. New assignments, new type of testing and advanced tools and technological developments provide insight to the teaching faculty and exposure to the students, which otherwise, would not be possible.

This has proved to be successful practice in skilling the students of Civil Engineering and exposing them to latest technologies in construction domain.

Problem Encountered and Resources Required

Selection of students according to their subject knowledge, specific interest in a particular area is an important task for the faculty members. To organize and safely escort the students to the field is a challenging task.

The Institution has to arrange transport facility to take the students, provide snacks & lunch during the investigation and testing processes. The resource that are required to carry out to accomplish the given task are to be arranged by the Department.

	Concluding Remarks This is a unique practice followed in the Civil Engineering Department in the Institution and this practice could be executed by the other Engineering Departments also. The opportunity available to the Civil Department is beneficial not only to the department and staff, but also to make the students to get hands-on experience. This practice helps the students to gain practical knowledge in specific area. The students are the most benefited, when they stepped out after their engineering programme, they can easily involve in their interested field with full confidence. Through this experiential learning, they can shine as a better engineer / practitioner. On seeing the success of the project by Civil Engineering, the students of Electrical and Electronics Department assemble LED lights and supply the same to the Institution and to others at a cost price. The Department has come forward to do energy audit. To begin with faculty of EEE are becoming Charted Engineers of India Energy Bureau and eligible to conduct energy audit. **951words** **Provide web link to:** • Best practices in the Institutional web site • Any other relevant information	

Key Indicator - 7.3 Institutional Distinctiveness (20)

Metric No.		Weightage
7.3.1 **Q_IM**	***Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words*** **Distinctive Area** **ENVIRONMENTAL MANAGEMENT – A HOLISTIC APPROACH BY KARPAGAM ACADEMY OF HIGHER EDUCATION** **Preamble** Karpagam Academy of Higher Education is innate and spiritually attached to nature and committed to provide healthy environment to its staff and students from its inception in 1995 and continued till now. At the time of inception, the area in which this Institution was built was a barren land with hard rock and construction of building itself was challenging, leave alone	**20**

making it green. Still, the Institution determined to make it green and planted trees by drilling the rock and watering the plants through trucks as there was no ground water. The process was done for two decades and at present, the Institution presents an enviable green campus which is eco-friendly with dense flora and fauna with 96 species and 624 trees. These trees, besides providing good shadow and pure air to the inmates has become a home for thousands of birds and the chirpings sound by the birds gives a pleasant environment particularly in the early morning and evening.

Now, providing healthy environment to the people has become the hot topic of the whole world and it has assumed such a great significance that "Environmental Protection" is considered to be a fundamental duty of every citizen of this country under Article 51-A(g) of Indian Constitution. Having understood the legal, social and moral importance of providing healthy environment to the staff, students and the society, the Institution has taken a Holistic Approach to Environmental Management which comprises of;

1. Environmental Aspects in Curriculum
2. Environmental Awareness
3. Green Buildings
4. Air Quality Management
5. Water Quality Management
6. Renewable Energy Management
7. Toxic Substances and Hazardous Waste Management
8. Solid & Liquid Waste Management
9. Environmental Research
10. Environmental Audit

Environmental Aspects in Curriculum

To enlighten students on environmental issues, the Institution has introduced a course on 'Environmental Studies' in all UG programmes and certain specific courses such as 'Design of Environmental Engineering Structure', 'Environmental Geo Technology', 'Environmental Quality Management', and 'Environmental Health and Safety in Industries' are offered under various programmes.

Environmental Awareness

Environmental Awareness is to understand the fragility of

environment and the importance of its protection. To sensitize students on Environmental issues seminars / guest lectures and camps are organized and environment related activities are undertaken through NSS volunteers in the adopted five villages to sensitize the rural people. Environment Protection Day is celebrated on November 26th every year.

Green Buildings

The building materials such as asbestos, lead based paint, lead pipes are not used as they are harmful to the environment . The institution has a good indoor environmental air quality .

Air Quality Management

The air pollution has become a major health hazard and the air quality level of sulphur dioxide was 7.02 micrograms per cubic metre, carbon monoxide 0.5 milligram per cubic metre and nitrogen dioxide 59.1 microgram per cubic metrein Coimbatore. To reduce air pollution the trees in the campus helpto reduce heat generated by the sun and nearby industries and filter harmful dust and pollutants and absorb 95.39 lakhs kg of CO_2 per year.

Water Quality Management

Pollution Control Board conducted test of water quality and indicated high level water pollution in Coimbatore. As against, the acceptable limit of 500 mg / L and permissible limit of 2000 mg /L for total dissolved solids, the reading showed 3936 mg/L

The Institution has taken all precautions to provide purified drinking water to all the inmates by installing water purifiers in 16 locations and supply 5000 liters approx. per hour.

Renewable Energy Management

In a few buildings, 'Solar Panels' with a capacity of 50 kw are installed to generate solar power and planned to increase capacity to 1 mw.

Toxic Substances and Hazardous Waste Management

The Institution pre-treats the chemical liquid wastes before mixing with effluent treatment. The contaminant wastes are disposed by autoclaving method. The non-contaminant wastes are disposed by chemical disinfectants. The campus is totally tobacco and plastic free.

Solid and Liquid Waste Management

The Institution has installed two Sewage Treatment Plantswith 3.5 lakhs litre capacity. This treated water is supplied through pipes to irrigate the garden. Solid wastes generated are disinfected and used as manure.

Environmental Research

i) Air Pollution Detection and Mitigation Device (Collaborative project with IIT, Delhi and Anna University, Chennai)

This device has been developed by the Institution in collaboration with IIT, New Delhi and Anna University, Chennai with financial support from DST to detect and mitigate the air pollution after various testing procedures. Two types of 'Air Purifiers' have been installed; one is for Bus stop and another for Public, Chowki. The Delhi Administration has initiated steps to install the Air purifiers in all the Bus stops in New Delhi and the trials are going on.

ii) Menstrual Hygiene Management Centre

The Centre is established in collaboration with UNICEF, KIDI, MSSR Foundation and Government of Tamil Nadu. Under this centre biodegradable sanitary napkin technology is developed.

iii) Advanced Battery Research Centre

It is established to undertake research to design battery as an alternative to gas-emission fuel vehicles a step towards environmental protection. Equipments imported at a cost of Rs. 50 lakhs.

Environmental Audit

This is done to measure the impact of certain activities on the environment against set standards. The Institution has engaged authorized agency M/s. RM. Mayileru & Co., Coimbatore to conduct environmental audit and agency has submitted its report. The recommendations are carefully considered and implemented.

Considering the above measures, the Institution has been certified with ISO 14001-2015 for its Environment Management System.

Concluding Remarks:

The Institution's holistic approach to Environmental Management is a way of thinking and changing students and faculty members environment in many different areas and contexts and accordingly, the teaching-learning and

	research activities of the Institution are designed. Above all, the noble idea behind the holistic approach is not only providing healthy environment but also make them understand the value behind the environmental protection for sustainable development. To achieve this, the action must start from the individual level and spread through people and the organization to guarantee healthy environment to present and future generations. **1019words** **Provide web link to:** • Appropriate web in the Institutional website • Any other relevant informations • Video	

5. Evaluative report of the departments

S. No.	Department Name	Page No.	Upload Report
Faculty of Arts, Science & Humanities			
1.	Astrology	156	
2.	Biochemistry	157	
3.	Biotechnology	161	
4.	Chemistry	163	
5.	Commerce	165	
6.	Computer Applications	167	
7.	Computer Science	168	
8.	Electronics and Communication	170	
9.	Management	171	
10.	Mathematics	172	
11.	Microbiology	173	
12.	Physics	174	
Faculty of Engineering			
13.	Automobile Engineering	176	
14.	Bio Medical Engineering	177	
15.	Biotechnology Engineering	178	
16.	Chemical Engineering	179	
17.	Civil Engineering	180	
18.	Computer Science and Engineering	181	
19.	Electrical and Electronics	182	
20.	Electronics and Communication	183	
21.	Food Technology	184	
22.	Mechanical Engineering	185	
23.	Mechanical Engineering	186	
Faculty of Architecture			
24.	Architecture	187	
Faculty of Pharmacy			
25.	Pharmacy	193	

Faculty of Arts, Science and Humanities

1. Astrology

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Astrology
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution : 25

Sl. No.	Name of the Department	Astrology
1.	Year of Establishment	2010
2.	Is the Department part of a School/Faculty of the University	Faculty of the University
3.	Names of programmes offered	M.Sc. Applied Astrology Ph.D. Astrology
4.	Number of teaching posts Sanctioned/Filled	3
5.	Number of Research Projects: Total grants received	Nil
6.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	Nil
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
9	Number of Papers published	130
	Number of Books with ISBN	4
	Number of Citation Index – range / average	Nil
	Number of Impact Factor – range / average	Nil
	Number of h-index	Nil
10	Details of patents and income generated	Nil
11	Areas of consultancy and income generated	Research Article Editing (Rs 75,000)
12	Faculty	Nil
	Doctoral/Post doctoral fellows	Nil
	Students	Nil
13	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
14	From the host institution/university	4
	From other institutions/universities	Nil
15	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Nil

2. Biochemistry

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Biochemistry
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution: 25

Sl. No.	Name of the Department	Biochemistry
01	Year of Establishment	2008
02	Is the Department part of a School/Faculty of the University	Yes, FACULTY OF ARTS, SCIENCE AND HUMANITIES
03	Names of programmes offered	B.Sc. Biochemistry M.Sc. Biochemistry M.Phil. Biochemistry Ph.D Biochemistry
04	Number of teaching posts Sanctioned/Filled	Sanctioned: Professor 01, Associate Professor 02, Assistant Professor 07 Filled: Professor 01, Associate Professor 02, Assistant Professor 07
05	Number of Research Projects: Total grants received	Total No. of projects: 47 Amount `43.84 Lakhs Research Grant (02) 1.DST-SERB: 20 Lakhs (2013-16) 2.DST-WOSA: 19.8 Lakhs (2018-2021) 3. KAHE Research Grant (Seed money): 3 projects: 5 Lakhs (2019-2020)
06	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	Academic Collaboration (04) 1. University of Madras 2. Alagappa University 3. Central University of Tamil Nadu 4. SRM University of Science and Technology Industry Collaboration (02) 1. Nuray Pharmaceuticals Pvt. Ltd., Chennai 2. Professional Info tech (Certificate course on "Medical Coding")
	International collaboration	1.Chungbuk National University, South Korea 2.University of Malaya, Malaysia 3.University of Free State, South Africa
07	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil

08	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
09	Publications:	
	Number of Papers published	73
	Number of Books with ISBN	8
	Number of Citation Index – range / average	160 (Average: 2.2)
	Number of Impact Factor – range / average	0.23-6.5
	Number of h-index	7 (Scopus)
10	Details of patents and income generated	No. of patents filed – 15 Design patents granted – 4 Dr. Sridhar Muthusami – 2 Dr. L. Hariprasath – 2 Income generated – NIL
11	Areas of consultancy and income generated	Area: Diabetes, Hypertension, Oxidative Stress, Biochemical and Pharmacological studies in animal model, *in vitro* medicinal plant research; Environmental Pollution Income generated : Rs. 6,83,301.00
12	Awards/Recognitions received at the National and International level by :	
	Faculty	National Dr. K. Devaki (2016-17) • Best Paper Presentation Award Dr. K. Poornima (2015-16) • Best Paper Presentation Award Dr. M. Sridhar Muthusami (2017-18) • Scientist Mentor, DST-WOSA • DST-SERB ECR/EMR peer-reviewer Dr. L. Hariprasath (2017-18) • INSA Summer Research Fellowship (IISER, Trivandrum) • Nominee, CPCSEA • Ambassador – Institutional Innovation Council, MHRD, India Dr. D. Selvakumar (2017-18) • Best Reviewer Award Dr. S. Rajamanikandan(2017-18) • INSA Summer Research Fellowship (NCCS, Pune) Dr. J. Anitha (2016-17) • INSA Summer Research Fellowship (NCCS, Pune) International Dr. K. Poornima (2018-2019) • Sessions Best Presentation Award in an International Conference, Malaysia Dr. M. Sridhar Muthusami

		• Associate Editor – Current Proteins and Peptide Science (IF: 1.8) – Bentham Publications • Reviewer in Scientific Reports (Nature) • Reviewer in Biomedicine and Pharmacotherapy Dr. L. Hariprasath • Best Reviewer Award (European Journal of Integrative Medicine) • International Member, Mushroom Research Centre, University of Malaya Dr. J. Anitha (2016-17) • Post-doctoral research fellow - South Korea Dr. D. Selvakumar (2018-2019) • Session Chair in an International Conference, Malaysia
	Doctoral/Post doctoral fellows	Ms. B. Vidya Inspire Fellowship, DST, Govt. of India (2012-2016) Mr. P. Chella Perumal Hungarian Scholarship Board, Hungary Post-doctoral fellowship, South Africa (2014-2015) Ms. D. Malarvizhi Inspire Fellowship, DST, Govt. of India (2014-2019) Ms. K. Abhaya DST WOS 'A' Scientist (2018-2021) Ms. H. Sneha KAHE fellowship (2018-2019)
	Students	INSA Summer Research Fellowship (03) N. Pooja, II MSc Biochemistry – Jawaharlal Nehru University, New Delhi (2018) Sneha Santhosh, III BSc Biochemistry – University of Delhi, New Delhi (2018) Sneha. K, I MSc Biochemistry- National Institute of Immunology, New Delhi (2019-2020)
9.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
10.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	03 (Refer Annexure I)
	From other institutions/universities	07 (Refer Annexure II)
11.	Number of Research Scholars/ Post Graduate	1.Ms. B. Vidya, Inspire Fellowship, DST, Govt.

	students getting financial assistance from the University/State/ Central	of India (2012-2016) 2.Mr. P. Chella Perumal, ICMR SRF (2014-2016) 3.Ms. D. Malarvizhi, Inspire Fellowship, DST, Govt. of India (2014-2019) 4.Ms. K. Abhaya, DST-WoS (A), Govt. of India (2018-2021)

Note: *Compile data for the last five years*

3. Biotechnology

Name of the University: Karpagam Academy of Higher Education
Name of the Department : Department of Biotechnology
District Coimbatore State Tamil Nadu

Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Bio-Technology
1.	Year of Establishment	2008
2.	Is the Department part of a School/Faculty of the University	Yes, Faculty of Arts, Science and Humanities
3.	Names of programmes offered	B.Sc., (Biotechnology) M.Sc., (Biotechnology) M.Phil (Biotechnology) Ph.D (Biotechnology)
4.	Number of teaching posts Sanctioned/Filled	18/18 Professor: 01 Associate Professor: - 02 Assistant Professor: 15
5.	Number of Research Projects: Total grants received	77 & 135.96 lakhs
6.	Inter –institutional collaborative projects and Associated grants received : Nil	
	National collaboration	01
	International collaboration	01 (Indo- Iran collaborative project) Grant
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	DST- FIST, Rs. 46 lakh
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
9.	Publications:	
	Number of Papers published	95
	Number of Books with ISBN	09 (Book chapter)
	Number of Citation Index – range / average	03 to 1094/ 64
	Number of Impact Factor – range / average	0.58 to 9.899 / 0.865
	Number of h-index	1 to 17
10.	Details of patents and income generated	6, Nil
11.	Areas of consultancy and income generated	Genetic engineering and Environmental Biotechnology ; 6.99 Lakhs
12.	Awards/Recognitions received at the National and International level by :	
	Faculty	04 (International) 03 (National) 02 (State)
	Doctoral/Post doctoral fellows	-
	Students	02 (National)
13.	How many students have cleared Civil Services and Defense	-

	Services examinations, NET, SET (SLET), GATE and other competitive examinations	
14.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	08
	From other institutions/universities	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	01 (PG) 01 (PhD)

4. Chemistry

Name of the University: Karpagam Academy of Higher Education (KAHE)
Name of the Department : Chemistry
District: Coimbatore State: Tamilnadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Chemistry
1.	Year of Establishment	2008
2.	Is the Department part of a School/Faculty of the University	Faculty of Arts, Science and Humanities
3.	Names of programmes offered	UG: 2008 PG: 2008 M.Phil: 2008; Ph.D: 2008
4.	Number of teaching posts Sanctioned/Filled	15/15
5.	Number of Research Projects: Total grants received	Total No. of projects: 57 Amount Rs. 24.73 lakhs TNSCST: Student Project: Rs. 8000
6.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	5
	International collaboration	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	DST: 35,00,000
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Three; (Advanced Battery Research Centre, Synthesis of organic chemicals laboratory, Water Analysis Laboratory)
9.	Publications:	
	Number of Papers published	118
	Number of Books with ISBN	3
	Number of Citation Index – range / average	3-518/117
	Number of Impact Factor – range / average	0-4.816/0.472
	Number of h-index	58
10.	Details of patents and income generated	4; Nil
11.	Areas of consultancy and income generated	Phytochemistry: Environmental: Synthesis: Battery Research : Amount Rs.10.53 lakhs
12.	Awards/Recognitions received at the National and International level by :	
	Faculty	1
	Doctoral/Post doctoral fellows	1
	Students	2

13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-
14.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	Ph.D., Full time: 7
	From other institutions/universities	Part Time: 14
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	1

Note: *Compile data for the last five years*

5. Commerce

Name of the University- KARPAGAM ACADEMY OF HIGHER EDUCATION
Name of the Department: COMMERCE
District. COIMBATORE State: TAMILNADU
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Commerce
1.	Year of Establishment	2008
2.	Is the Department part of a School/Faculty of the University	Faculty of Arts, Science and Humanities
3.	Names of programmes offered	B.Com ., B.Com CA., B.Com PA., B.Com BPS., B.Com CS M.Com CA, M.Com M.Phil., Ph.D.
4.	Number of teaching posts Sanctioned/Filled	36/36
5.	Number of Research Projects: Total grants received	Total No. of projects:131 Amount: Rs. 13.55 lakhs
6.		
	National collaboration	2
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
9.		
	Number of Papers published	166
	Number of Books with ISBN	1
	Number of Citation Index – range / average	3-80/30
	Number of Impact Factor – range / average	0.50 – 7.41 / 2.50
	Number of h-index	15
10.	Details of patents and income generated	Nil
11.	Areas of consultancy and income generated	Finance and Accounting Rs.3,62,000
12.		
	Faculty	3
	Doctoral/Post doctoral fellows	Nil
	Students	Nil
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
14.		
	From the host institution/university	3

	From other institutions/universities	24
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Nil

Note: *Compile data for the last five years*

6. Computer Applications

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Computer Applications
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25

Sl. No.	Name of the Department	Computer Applications
1.	Year of Establishment	2008
2.	Is the Department part of a School/Faculty of the University	Faculty of Arts, Science & Humanities
3.	Names of Programmes offered	BCA / MCA
4.	Number of teaching posts Sanctioned/Filled	11/11
5.	Number of Research Projects: Total grants received	Nil
6.	National collaboration	Oracle
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Seed money from KAHE –RS 40,000
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
	Number of Papers published	147
	Number of Books with ISBN	2
	Number of Citation Index – range / average	Total Citation :208 Range : 1- 129 Average : 18
	Number of Impact Factor – range / average	0.1 – 7.1
	Number of h-index	21
9.	Details of patents and income generated	-
10.	Areas of consultancy and income generated	Rs.2,40,000/-
	Faculty	National award : 1.Six Faculty received award “Elite” Certification in NPTEL Online Exam
	Doctoral/Post doctoral fellows	Nil
	Students	Nil
11.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
	From the host institution/university	Nil
	From other institutions/universities	Nil
12.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	One Faculty received 50 % fee concession for pursuing Ph.D. in KAHE

Note: *Compile data for the last five years*

7. Computer Science

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Computer Science
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25

Sl. No.	Name of the Department	Computer Science
1.	Year of Establishment	2008
2.	Is the Department part of a School/Faculty of the University	Faculty of Arts, Science & Humanities
3.	Names of Programmes offered	B.Sc/ M.Sc/ MPhil / Ph.D.in Computer Science
4.	Number of teaching posts Sanctioned/Filled	39/39
5.	Number of Research Projects: Total grants received	186; 19.08 Lakhs
6.	National collaboration	1.CDAC (T) 2. CDAC GIST PACE Pune 3. TCS 4. National Cyber Safety and Security Standards
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Rs. 1,00,000 DST – NIMAT – Rs.60,000/-
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
	Number of Papers published	348
	Number of Books with ISBN	2
	Number of Citation Index – range / average	Total Citation :695 Range : 1- 129 Average : 17
	Number of Impact Factor – range / average	0.1 – 7.1
	Number of h-index	65
9.	Details of patents and income generated	1; Nil
10.	Areas of consultancy and income generated	Rs.9.55 Lakhs
	Faculty	National award : 1. 22 Faculty received award “Elite” Certification in NPTEL Online Exam 2. Dr.S.Manju Priya won Women of Excellence in Research and Innovation by Nehru Arts and Science College, Coimbatore 3. Dr.T.Genish received the Best Paper award in the National Conference on Artificial Intelligence and Intelligent Information Processing” at SRM Institute

		of Science and Technology, Chennai on 5.3.2020 and 6.3.2020.
	Doctoral/Post doctoral fellows	Nil
	Students	Dhigambaran.M won Gold Medal in 2nd South Asian SilambamChampioship 13.07.2018 to 15.07.2018 in Kanyakumari
11.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
	From the host institution/university	4
	From other institutions/universities	48
12.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	1. G.Elavarasan , Rajiv Gandhi National Fellowship received Rs 3,18,000 Per Annum 2. Six Faculty received 50 % fee concession for pursuing Ph.D. in KAHE

Note: *Compile data for the last five years*

8. Electronics and Communication Systems

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Electronics and Communication Systems
District: Coimbatore State : Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Electronics
1.	Year of Establishment	2008
2.	Is the Department part of a School/Faculty of the University	Faculty of Arts, Science and Humanities
3.	Names of programmes offered	B.Sc, M.Sc. M.Phil, Ph.D.
4.	Number of teaching posts Sanctioned/Filled	08/08
5.	Number of Research Projects: Total grants received	35; Rs. 3.5 lakhs
6.	National collaboration	one
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
	Number of Papers published	60
	Number of Books with ISBN	03
	Number of Citation Index – range / average	0-28
	Number of Impact Factor – range / average	0.1 – 4.3
	Number of h-index	1-3
9.	Details of patents and income generated	Nil
10.	Areas of consultancy and income generated	Rs. 9.55 Lakhs
	Faculty	Nil
	Doctoral/Post doctoral fellows	Nil
	Students	Nil
11.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
	From the host institution/university	02
	From other institutions/universities	05
12.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	02

Note: *Compile data for the last five years*

9. Management

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Management
District : Coimbatore State : TamilNadu
Total Number of Departments in the institution 25

SI.No	Name of the Department	Management
1	Year of Establishment	2008
2	Is the Department part of a School/faculty of the University	Yes, FASH
3	Names of Programmes offered	MBA, BBA, M.Phil, Ph.D.
4	Number of teaching posts Sanctioned /Filled	31/31
5	Number of Research Projects : Total grants received	122; 14.08 lakhs
	National collaboration	3
	International collaboration	NIL
7	Departmental projects funded by DST-FIST, GC-SAP/CAS,DPE,DBT,ICSSR,AICTE etc., Total grants received	1,29,300
8	Special research laboratories sponsored by / created by industry or corporate bodies	NIL
	Number of Papers published	232
	Number of Books with ISBN	3
	Number of Citation Index - range / average	1-112
	Number of Impact Factor - range / average	1-5.11
	Number of h-index	6
10	Details of patents and income generated	NIL
11	Areas of consultancy and income generated	2,95,000
	Faculty	2
	Doctoral / Post doctoral fellows	NIL
	Students	NIL
13	How many students have cleared CivilServices and Defense Service examinations, NET,SET (SLET) ,GATE and other competitive examinations	1
	From the host institutions/university	1
	From other institutions/universities	108
15	Number of Research Scholars /Post Graduate students getting financial assistance from the University/State/Central	1

10. Mathematics

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Mathematics
District : Coimbatore State : Tamil Nadu
Total Number of Departments in the institution: 25

Sl. No.	Name of the Department	Mathematics		
1.	Year of Establishment	2009		
2.	Is the Department part of a School/Faculty of the University	Faculty of the University		
3.	Names of programmes offered	UG, PG, M.Phil& Ph.D.		
4.	Number of teaching posts Sanctioned/Filled	15/15		
5.	Number of Research Projects: Total grants received	30; Rs. 4.4 lakhs		
6.	Inter –institutional collaborative projects and Associated grants received			
	National collaboration	Nil		
	International collaboration	Nil		
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil		
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil		
9.	Publications:			
	Number of Papers published	86		
	Number of Books with ISBN	One Book Chapter		
	Number of Citation Index – range / average	0-152 / 10.8571		
	Number of Impact Factor – range / average	0.21-7.19/3.7		
	Number of h-index	11		
10.	Details of patents and income generated	Nil		
11.	Areas of consultancy and income generated	Nil		
12.	Awards/Recognitions received at the National and International level by :			
	Faculty	1		
	Doctoral/Post doctoral fellows	Nil		
	Students	7		
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil		
14.	List of doctoral, post-doctoral students and research associates			
	From the host institution/university	Nil		
	From other institutions/universities	15		
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Research Scholar-2 PG-37		

11. Microbiology

Name of the University : Karpagam Academy of Higher Education
Name of the Department: Microbiology
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution: 25

Sl. No.	Name of the Department	Microbiology		
1.	Year of Establishment	2008		
2.	Is the Department part of a School/Faculty of the University	Faculty of the University		
3.	Names of programmes offered	Bsc, Msc, M.Phil& PhD		
4.	Number of teaching posts Sanctioned/Filled	14/14		
5.	Number of Research Projects: Total grants received	68; Rs.22.53 lakhs		
6.	Inter –institutional collaborative projects and Associated grants received			
	National collaboration	-		
	International collaboration	-		
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-		
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-		
9.	Publications:			
	Number of Papers published	114		
	Number of Books with ISBN	01		
	Number of Citation Index – range / average	1705 / 01-100		
	Number of Impact Factor – range / average	0.5-3.5/ 1.0		
	Number of h-index	22		
10.	Details of patents and income generated	06 filed; Nil		
11.	Areas of consultancy and income generated	5.785 lakhs		
12.	Awards/Recognitions received at the National and International level by :			
	Faculty	02		
	Doctoral/Post doctoral fellows	-		
	Students	-		
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	01		
14.	List of doctoral, post-doctoral students and research associates			
	From the host institution/university	20		
	From other institutions/universities	-		
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	01		

Note: *Compile datafor the last five years*

12. Physics

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Physics
District.: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution: 25

Sl. No.	Name of the Department	Physics		
1.	Year of Establishment	2004		
2.	Is the Department part of a School/Faculty of the University	Yes		
3.	Names of programmes offered	B.Sc, M.Sc, M.Phil and Ph.D		
4.	Number of teaching posts Sanctioned/Filled	13		
5.	Number of Research Projects: Total grants received	42; Rs. 55.47 lakhs		
6.	Inter–institutional collaborative projects and Associated grants received			
	National collaboration	3		
	International collaboration	Nil		
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil		
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil		
9.	Publications:			
	Number of Papers published	70		
	Number of Books with ISBN	3		
	Number of Citation Index – range / average	5		
	Number of Impact Factor – range / average	2.8		
	Number of h-index	1		
10.	Details of patents and income generated	10 ; Nil		
11.	Areas of consultancy and income generated	Rs. 7.59 Lakhs		
12.	Awards/Recognitions received at the National and International level by :			
	Faculty	3		
	Doctoral/Post-doctoral fellows	-		
	Students	-		
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	5		
14.	List of doctoral, post-doctoral students and research associates			
	From the host institution/university	21		
	From other institutions/universities	-		

15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	2		

Note: *Compile data for the last five years*

Faculty of Engineering

13. Automobile Engineering

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Automobile Engineering
District. : Coimbatore State: Tamil Nadu
Total Number of Departments in the institution: 25

Sl. No.	Name of the Department	Automobile
1.	Year of Establishment	2010
2.	Is the Department part of a School/Faculty of the University	Faculty of Engineering
3.	Names of programmes offered	BE Automobile Engineering (UG)
4.	Number of teaching posts Sanctioned/Filled	9/7
5.	Number of Research Projects: Total grants received	-
6.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	1 No; Rs. 60,000
	International collaboration	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Rs.9,000
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-
9.	Publications:	
	Number of Papers published	46
	Number of Books with ISBN	1
	Number of Citation Index – range / average	1- 253 / 36.14
	Number of Impact Factor – range / average	0.5-3.26 /0.7
	Number of h-index	10
10.	Details of patents and income generated	-
11.	Areas of consultancy and income generated	Tribology, Alternate fuels Rs.26.04 lakhs
12.	Awards/Recognitions received at the National and International level by : -	
	Faculty	-
	Doctoral/Post doctoral fellows	-
	Students	-
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-
14.	List of doctoral, post-doctoral students and research associates -	
	From the host institution/university	-
	From other institutions/universities	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-

Note: *Compile datafor the last five years*

14. Biomedical Engineering

Name of the University: Karpagam Academy of Higher Education,
Name of the Department: Electronics and Communication Engineering
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	BME
1.	Year of Establishment	2016
2.	Is the Department part of a ~~School~~/Faculty of the University	Faculty of Engineering
3.	Names of programmes offered	B.E Biomedical Engineering
4.	Number of teaching posts Sanctioned/Filled	09 / 03
5.	Number of Research Projects: Total grants received	Nil
6.	Inter –institutional collaborative projects and Associated grants received	Nil
	National collaboration	Nil
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	1
	Number of Papers published	10
	Number of Books with ISBN	
	Number of Citation Index – range / average	156-52
	Number of Impact Factor – range / average	Nil
	Number of h-index	Nil
9.	Details of patents and income generated	2 &Nil
10.	Areas of consultancy and income generated	Assistive device /Nil
	Faculty	Nil
	Doctoral/Post-doctoral fellows	Nil
	Students	Nil
11.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
	From the host institution/university	Nil
	From other institutions/universities	Nil
12.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Nil

Note: *Compile data for the last five years*

15. B.Tech. Biotechnology

Name of the University : Karpagam Academy of Higher Education
Name of the Department: Biotechnology (B.Tech.)
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Bio-Technology(FoE)
1.	Year of Establishment	2013
2.	Is the Department part of a School/Faculty of the University	Faculty of University
3.	Names of programmes offered	B.Tech (Biotechnology)
4.	Number of teaching posts Sanctioned/Filled	12/09
5.	Number of Research Projects: Total grants received	4; Rs. 40,000/-
6.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	Rs. 40,000/-
	International collaboration	
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
9.	Publications:	
	Number of Papers published	11
	Number of Books with ISBN	Nil
	Number of Citation Index – range / average	2 - 1190
	Number of Impact Factor – range / average	0.2 - 4.833
	Number of h-index	18
10.	Details of patents and income generated	Nil
11.	Areas of consultancy and income generated	Rs.11,82,473
12.	Awards/Recognitions received at the National and International level by	
	Faculty	12
	Doctoral/Post doctoral fellows	
	Students	31
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	37
14.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	
	From other institutions/universities	
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Nil

Note: *Compile data for the last five years*

16. Chemical Engineering

Name of the University : Karpagam Academy of Higher Education
Name of the Department: Chemical Engineering
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Chemical Engg
1.	Year of Establishment	2016
2.	Is the Department part of a School/Faculty of the University	Yes
3.	Names of programmes offered	B.Tech Chemical Engineering
4.	Number of teaching posts Sanctioned/Filled	8/5
5.	Number of Research Projects: Total grants received	Nil
6.	National collaboration	Nil
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
9.		
	Number of Papers published	10
	Number of Books with ISBN	Book Chapters-3
	Number of Citation Index – range / average	20
	Number of Impact Factor – range / average	1-2
	Number of h-index	1
10.	Details of patents and income generated	Nil
11.	Areas of consultancy and income generated	Nil
12.		
	Faculty	5
	Doctoral/Post doctoral fellows	0
	Students	54
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
14.		
	From the host institution/university	Nil
	From other institutions/universities	Nil
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Nil

Note: *Compile data for the last five years*

17. Civil Engineering

Name of the University Karpagam Academic of Higher Education
Name of the Department Civil Engineering
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Civil		
1.	Year of Establishment	2008		
2.	Is the Department part of a School/Faculty of the University	Faculty of the University		
3.	Names of programme offered	B.E – CIVIL /M.E/Ph.D		
4.	Number of teaching posts Sanctioned/Filled	9/9		
5.	Number of Research Projects: Total grants received	40; Rs. 4.85 lakhs		
6.	Inter –institutional collaborative projects and Associated grants received			
	National collaboration	-		
	International collaboration	-		
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-		
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Geotechnical Research center		
9.	Publications:			
	Number of Papers published	123		
	Number of Books with ISBN	2		
	Number of Citation Index – range / average	453/104.55		
	Number of Impact Factor – range / average	18/2		
	Number of h-index	13		
10.	Details of patents and income generated	-		
11.	Areas of consultancy and income generated	Soil testing, structural Consultancy Amount -Rs. 34.47 lakhs		
12.	Awards/Recognitions received at the National and International level by :			
	Faculty	10		
	Doctoral/Post doctoral fellows	-		
	Students	-		
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-		
14.	List of doctoral, post-doctoral students and research associates			
	From the host institution/university	2		
	From other institutions/universities	8		
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-		

Note: *Compile data for the last five years*

18. Computer Science & Engineering

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Department of Computer Science and Engineering
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	CSE
1.	Year of Establishment	2009
2.	Is the Department part of a School/Faculty of the University	Yes
3.	Names of programmes offered	BE-CSE
4.	Number of teaching posts Sanctioned/Filled	10
5.	Number of Research Projects: Total grants received	39; Rs. 4.84 lakhs
6.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	NIL
	International collaboration	NIL
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	NIL
8.	Special research laboratories sponsored by / created by industry or corporate bodies	NIL
9.	Publications:	
	Number of Papers published	182
	Number of Books with ISBN	11
	Number of Citation Index – range / average	184
	Number of Impact Factor – range / average	
	Number of h-index	14
10.	Details of patents and income generated	2
11.	Areas of consultancy and income generated	Rs. 48.52lakhs
12.	Awards/Recognitions received at the National and International level by :	
	Faculty	5
	Doctoral/Post doctoral fellows	NIL
	Students	NIL
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	NIL
14.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	16
	From other institutions/universities	4
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	4

19. Electrical and Electronics Engineering

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Electrical and Electronics Engineering (EEE)
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	EEE		
1.	Year of Establishment	2009		
2.	Is the Department part of a School/Faculty of the University	Faculty		
3.	Names of programmes offered	BE (EEE), ME(PSE), PhD (EEE)		
4.	Number of teaching posts Sanctioned/Filled	9/9		
5.	Number of Research Projects: Total grants received	66; Rs 71.71 lakhs		
6.	Inter –institutional collaborative projects and Associated grants received			
	National collaboration	Rs. 8.1 lakhs		
	International collaboration	-		
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Rs. 63.61 lakhs		
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-		
9.	Publications:			
	Number of Papers published	202		
	Number of Books with ISBN	38		
	Number of Citation Index – range / average	221.8		
	Number of Impact Factor – range / average	1.209		
	Number of h-index	6.857		
10.	Details of patents and income generated	Nil		
11.	Areas of consultancy and income generated	Energy, Automation & Rs. 64.16 lakhs		
12.	Awards/Recognitions received at the National and International level by :			
	Faculty	15		
	Doctoral/Post-doctoral fellows	-		
	Students	-		
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-		
14.	List of doctoral, post-doctoral students and research associates			
	From the host institution/university	-		
	From other institutions/universities	-		
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-		

Note: *Compile data for the last five years*

20. Electronics and Communication Engineering

Name of the University: Karpagam Academy of Higher Education,
Name of the Department: Electronics and Communication Engineering
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	ECE
1.	Year of Establishment	2009
2.	Is the Department part of a ~~School~~/Faculty of the University	Yes
3.	Names of programmes offered	B.E Electronics and Communication Engineering
4.	Number of teaching posts Sanctioned/Filled	09 / 14
5.	Number of Research Projects: Total grants received	57; Rs. 3.15 Crores
6.	Inter –institutional collaborative projects and Associated grants received	Nil
	National collaboration	Rs. 4.8 lakhs
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR, AICTE etc., : Total grants received	Yes – DST 3 Crores 10 Lakhs
8.	Special research laboratories sponsored by / created by industry or corporate bodies	1
	Number of Papers published	251
	Number of Books with ISBN	-
	Number of Citation Index – range / average	1456-104/110
	Number of Impact Factor – range / average	1-1.5
	Number of h-index	15
9.	Details of patents and income generated	27 & Nil
10.	Areas of consultancy and income generated	Bio signals and Sensors /Rs. 27.83 lakhs
	Faculty	3
	Doctoral/Post-doctoral fellows	Nil
	Students	2
11.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
	From the host institution/university	3
	From other institutions/universities	Nil
12.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	2/nil/nil

Note: *Compile data for the last five years*

21. Food Technology

Name of the University : Karpagam Academy of Higher Education,
Name of the Department : Food Technology
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Food Technology (FoE)
1.	Year of Establishment	2018
2.	Is the Department part of a School/Faculty of the University	Faculty of University
3.	Names of programmes offered	B.Tech (Food technology)
4.	Number of teaching posts Sanctioned/Filled	4/4
5.	Number of Research Projects: Total grants received	Nil
6.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	
	International collaboration	
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Nil
9.	Publications:	
	Number of Papers published	02
	Number of Books with ISBN	02*
	Number of Citation Index – range / average	24
	Number of Impact Factor – range / average	0.2
	Number of h-index	3
10.	Details of patents and income generated	Nil
11.	Areas of consultancy and income generated	Nil
12.	Awards/Recognitions received at the National and International level by	
	Faculty	Nil
	Doctoral/Post doctoral fellows	Nil
	Students	Nil
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	Nil
14.	List of doctoral, post-doctoral students and research associates	Nil
	From the host institution/university	Nil
	From other institutions/universities	Nil
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Nil

Note: *Compile data for the last five years* *Book chapter

22. Mechanical Engineering

Name of the University: Karpagam Academy of Higher Education
Name of the Department: Mechanical Engineering
District: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution 25

Sl. No.	Name of the Department	Mechanical Engineering
1.	Year of Establishment	2009
2.	Is the Department part of a School / Faculty of the University	Yes
3.	Names of Programmes offered	BE-Mechanical Engineering (FT) BE - Mechanical Engineering (PT)
4.	Number of Teaching Posts Sanctioned/Filled	

Academic Year	Number of Teaching Posts Sanctioned	Number of Teaching Posts Filled
2019-2020	24	24
2018-2019	27	17
2017-2018	27	23
2016-2017	36	25
2015-2016	36	25

5.	Number of Research Projects: Total Grants Received	44/ Rs.44.15 lakhs
6.	Inter-institutional collaborative projects and Associated grants received	
	National Collaboration	Rs. 5.16 Lakhs
	International Collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DPE, DBT, ICSSR, AICTEetc., Total grants received	DST, SERB(TARE), TNSCST, Rs. 39.0 lakhs
8.	Special research laboratories sponsored by / create by industry or corporate bodies	• Machining research laboratory • Nonferrous materials research laboratory • Material Research Laboratory
9.	Publications:	121
	Number of Papers Published	

Year	Number of Papers Published
2019	40
2018	35
2017	34
2016	05
2015	07

	Number of Books with ISBN	1 (Energy From Toxic Industry Wastes - Elsevier)
	Number of Citation Index – range/average	509 (0 - 248)
	Number of Impact Factor- range/average	14.281(0 - 4.601)
	Number of h-index	25
10.	Details of patent and income generated	2 ; Nil
11.	Area of Consultancy and income generated	Design, Manufacturing and Quality – Rs. 41.99 lakhs
12.	Awards/Recognitions received at the National and International level by	
	Faculty	6 (Outstanding reviewer) + 10 (Journal Reviewer) + 3 (Journal Editorial Board member) + 1 (Book Editor) + 5 (NPTEL Mentor)
	Doctoral/Post Doctoral Fellows	-
	Students	6
13.	How many students have cleared Civil Services and Defense Services Examinations, NET, SET (SLET), GATE and other competitive examination	1
14.	List of Doctoral, Post-Doctoral students and research associate	
	From the host institution/university	8
	From other institutions/universities	45
15.	Number of Research Scholar/Post Graduate students getting financial assistance from the University/State/Central	9 (fee Concession – 50%)

Note: *Compile data for the last five years*

23. Faculty of Architecture

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Architecture
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25
Academic Year : 2015 - 2016

Sl. No.	Name of the Department	B.Arch	B.Design	M.Arch	M.Plan
1.	Year of Establishment	2009	2016	2014	2017
2.	Is the Department part of a School/Faculty of the University	FOA	FOA	FOA	FOA
3.	Names of programmes offered	Architecture	Interior Design	Advance Design	Town & Country Planning
4.	Number of teaching posts Sanctioned/Filled	40	12	6	6
5.	Number of Research Projects: Total grants received	-	-	-	-
6.	Inter –institutional collaborative projects and Associated grants received				
	National collaboration	-	-	-	-
	International collaboration	ERASMUS	-	-	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-	-	-	-
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-	-	-	-
9.	Publications:				
	Number of Papers published	-	-		-
	Number of Books with ISBN	-	-	-	-
	Number of Citation Index – range / average	-	-	-	-
	Number of Impact Factor – range / average	-	-	-	-
	Number of h-index	-	-	-	-
10.	Details of patents and income generated	-	-	-	-
11.	Areas of consultancy and income generated	-	-	-	-
12.	Awards/Recognitions received at the National and International level by :				
	Faculty	-	-	-	-
	Doctoral/Post doctoral fellows	-	-	-	-
	Students	-	-	-	-
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-	-	-	-
14.	List of doctoral, post-doctoral students and research associates				
	From the host institution/university	-	-	-	-

	From other institutions/universities	-	-	-	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-	-	-	-

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Architecture
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25
Academic Year : 2016 - 2017

Sl. No.	Name of the Department	B.Arch	B.Design	M.Arch	M.Plan
1.	Year of Establishment	2009	2016	2014	2017
2.	Is the Department part of a School/Faculty of the University	FOA	FOA	FOA	FOA
3.	Names of programmes offered	Architecture	Interior Design	Advance Design	Town & Country Planning
4.	Number of teaching posts Sanctioned/Filled	40	12	7	7
5.	Number of Research Projects: Total grants received	-	-	-	-
6.	Inter –institutional collaborative projects and Associated grants received				
	National collaboration	-	-	-	-
	International collaboration	ERASMUS	-	-	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-	-	-	-
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-	-	-	-
9.	Publications:				
	Number of Papers published	-	-	-	-
	Number of Books with ISBN	-	-	-	-
	Number of Citation Index – range / average	-	-	-	-
	Number of Impact Factor – range / average	-	-	-	-
	Number of h-index	-	-	-	-
10.	Details of patents and income generated	-	-	-	-
11.	Areas of consultancy and income generated	-	-	-	-
12.	Awards/Recognitions received at the Nationaland International level by :				
	Faculty	-	-	-	-
	Doctoral/Post doctoral fellows	-	-	-	-
	Students	-	-	-	-
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-	-	-	-
14.	List of doctoral, post-doctoral students and research associates				

	From the host institution/university	-	-	-	-
	From other institutions/universities	-	-	-	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-	-	-	-

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Architecture
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25
Academic Year : 2017 - 2018

Sl. No.	Name of the Department	B.Arch	B.Design	M.Arch	M.Plan
1.	Year of Establishment	2009	2016	2014	2017
2.	Is the Department part of a School/Faculty of the University	FOA	FOA	FOA	FOA
3.	Names of programmes offered	Architecture	Interior Design	Advance Design	Town & Country Planning
4.	Number of teaching posts Sanctioned/Filled	44	12	7	7
5.	Number of Research Projects: Total grants received	-	-	-	-
6.	Inter –institutional collaborative projects and Associated grants received				
	National collaboration	-	-	-	-
	International collaboration	ERASMUS	-	-	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-	-	-	-
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-	-	-	-
9.	Publications:				
	Number of Papers published	-	-	-	-
	Number of Books with ISBN	-	-	-	-
	Number of Citation Index – range / average	-	-	-	-
	Number of Impact Factor – range / average	-	-	-	-
	Number of h-index	-	-	-	-
10.	Details of patents and income generated	-	-	-	-
11.	Areas of consultancy and income generated	-	-	-	-
12.	Awards/Recognitions received at the National and International level by :				
	Faculty	-	-	-	-
	Doctoral/Post doctoral fellows	-	-	-	-
	Students	-	-	-	-
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-	-	-	-
14.	List of doctoral, post-doctoral students and research associates				
	From the host institution/university	-	-	-	-

	From other institutions/universities	-	-	-	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-	-	-	-

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Architecture
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25
Academic Year : 2018 - 2019

Sl. No.	Name of the Department	B.Arch	B.Design	M.Arch	M.Plan
1.	Year of Establishment	2009	2016	2014	2017
2.	Is the Department part of a School/Faculty of the University	FOA	FOA	FOA	FOA
3.	Names of programmes offered	Architecture	Interior Design	Advance Design	Town & Country Planning
4.	Number of teaching posts Sanctioned/Filled	45	13	7	7
5.	Number of Research Projects: Total grants received	-	-	-	-
6.	Inter –institutional collaborative projects and Associated grants received				
	National collaboration	-	-	-	-
	International collaboration	ERASMUS	-	-	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-	-	-	-
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-	-	-	-
9.	Publications:				
	Number of Papers published	-	-	-	-
	Number of Books with ISBN	-	-	-	-
	Number of Citation Index – range / average	-	-	-	-
	Number of Impact Factor – range / average	-	-	-	-
	Number of h-index	-	-	-	-
10.	Details of patents and income generated	-	-	-	-
11.	Areas of consultancy and income generated	-	-	-	-
12.	Awards/Recognitions received at the National and International level by :				
	Faculty	-	-	-	-
	Doctoral/Post doctoral fellows	-	-	-	-
	Students	-	-	-	-
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-	-	-	-
14.	List of doctoral, post-doctoral students and research associates				

	From the host institution/university	-	-	-	-
	From other institutions/universities	-	-	-	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-	-	-	-

Name of the University : Karpagam Academy of Higher Education
Name of the Department : Architecture
District : Coimbatore State: Tamil Nadu
Total Number of Departments in the Institution: 25
Academic Year : 2019 - 2020

Sl. No.	Name of the Department	B.Arch	B.Design	M.Arch	M.Plan
1.	Year of Establishment	2009	2016	2014	2017
2.	Is the Department part of a School/Faculty of the University	FOA	FOA	FOA	FOA
3.	Names of programmes offered	Architecture	Interior Design	Advance Design	Town & Country Planning
4.	Number of teaching posts Sanctioned/Filled	45	12	7	7
5.	Number of Research Projects: Total grants received	1	-	-	-
6.	Inter –institutional collaborative projects and Associated grants received				
	National collaboration	-	-	-	-
	International collaboration	ERASMUS	-	-	-
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	-	-	-	-
8.	Special research laboratories sponsored by / created by industry or corporate bodies	-	-	-	-
9.	Publications:				
	Number of Papers published	1	-	3	1
	Number of Books with ISBN	-	-	-	-
	Number of Citation Index – range / average	-	-	-	-
	Number of Impact Factor – range / average	-	-	-	-
	Number of h-index	-	-	-	-
10.	Details of patents and income generated	-	-	-	-
11.	Areas of consultancy and income generated	-	-	-	-
12.	Awards/Recognitions received at the National and International level by :				
	Faculty	-	-	-	-
	Doctoral/Post doctoral fellows	-	-	-	-
	Students	3	-	-	-
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	-	-	-	-
14.	List of doctoral, post-doctoral students and research associates				
	From the host institution/university	-	-	-	-

	From other institutions/universities	-	-	-	-
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	-	-	-	-

Faculty of Pharmacy

24. Pharmacy

Name of the University : Karpagam Academy of Higher Education
Name of the Department: Pharmacy
District.: Coimbatore State: Tamil Nadu
Total Number of Departments in the institution: 25

Sl. No.	Name of the Department	PHARMACY
1.	Year of Establishment	2015
2.	Is the Department part of a School/Faculty of the University	Faculty of the Pharmacy
3.	Names of programmes offered	B.Pharm., M.Pharm., (Analysis) Pharm. D., Ph.D.
4.	Number of teaching posts Sanctioned/Filled	2015-2016 - Sanctioned 4/ Filled 6 2016-2017- Sanctioned 8/ Filled 9 2017-2018- Sanctioned 13/ Filled13 2018-2019- Sanctioned 19/ Filled 21 2019-2020- Sanctioned 26/ Filled 28
5.	Number of Research Projects: Total grants received	17; Rs. 2.5 lakhs
6.	Inter –institutional collaborative projects and Associated grants received	Nil
	National collaboration	Rs. 2,50,000/=
	International collaboration	Nil
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratories sponsored by / created by industry or corporate bodies	Drug Testing Laboratories, KAHE.
9.	Publications:	
	Number of Papers published	80
	Number of Books with ISBN	One
	Number of Citation Index – range / average	96 / 1.2
	Number of Impact Factor – range / average	109.816 / 1.3727
	Number of h-index	124 / 1.55
10.	Details of patents and income generated	Nil
11.	Areas of consultancy and income generated	Rs.9.60 lakhs
12.	Awards/Recognitions received at the National and International level by :	
	Faculty	Nil
	Doctoral/Post doctoral fellows	Nil
	Students	Nil
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	GPAT (2018) – one student

14.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	Ph.D. - 9
	From other institutions/universities	Ph.D. - 13
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	Research scholars working in the host institution (FOP) are getting 50% fees (Rs.14000/=) concession from tuition fees.

Note: *Compile data for the last five years*