



Quality Mandates in Higher Educational Institutions (HEIs)

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(Deemed to be University Established Under Section 3 of UGC Act, 1956)

Coimbatore – 641021

Tamil Nadu, India

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MBA Seminar Hall

Quality and Excellence

Quality is not achieved accidentally; it always results from good intention, sincere efforts, intelligent direction and meticulous execution...

Excellence in thinking and action is the foundation for any mission. Excellence is not by accident. It is a process, where an individual or organization or nation continuously strives to better oneself

Dr. APJ Abdul Kalam

Induction Programme for Students

Focus – Orientation of New Students

Induction programme (7 to 21 days)

- Bonding and familiarization with Institution, faculty and inculcation of human values
- Concerns of students: insecurity about future, aspirations, career orientation

Activities

Physical Activity, Mentoring, Familiarization to Dept./Branch, Creative Arts and Culture, Literary Activity, Lectures by Eminent People, Visits to Local Area

Guidelines of UGC / AICTE

Learning Outcomes Based Curriculum Framework

Focus - Learning and Outcomes

- Achieve aims of education - knowledge, understanding, employability, soft skills, attitudes and human values
- Life long learning skills
- Teacher centric to student centric pedagogies
- Technological interventions
- Subject specific curriculum templates - Model Curriculum to all programs – UGC, AICTE, CoA, PCI etc.

Teaching-Learning Process

- Adaptation of Outcomes Based Education Framework (Washington Accord (WA)) – AICTE programs
- Program Outcomes (PO), Program Education Outcomes (PEOs), Course Outcomes (CO)
- Assessment strategy for Outcomes Based Education
- Improving Structure and Quality of Assessments (quiz, OBE, test etc.)
- Mapping Program Outcomes to Assessment (Examination)
- Bloom's Taxonomy (Remembering, Understanding, Applying, Analyzing, Evaluating and Creating)

Teaching-Learning Process

Assessment

- Remembering, Understanding, Applying, Analyzing by Class teaching / fixed hour
- Applying, Evaluating and Creating by course projects, mini, minor projects, Internships
- Open-Book Examination (OBE) to test skills in application, analysis and evaluation

SWAYAM

- Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) – A platform monitored by MHRD, Govt. of India.
- MOOCs (Massive Open Online Courses) – An E- content module - Developed by National Nodal Centers - UGC / AICTE etc. and maintained by INFLIBNET, An Autonomous Institution of UGC
- Non-technical course – UGC
- Technical course – AICTE
- Four quadrants (e-tutorial, e-content, web resources and self assessment)

Contd.....

- UG and PG Student / Faculty participating course
- Publicize the course (June 1st and November 1st)
- Approval of the course by the department
- Self credits earning program SWAYAM / NPTEL
- Mandatory courses – 1 to 3 (2 to 8 Credits)
- Submission of marks and credits to CoE office for inclusion in the Grade sheet (pre-final semester)
- Credit transfer option
- 1975 students and 350 faculty registered – AICTE (2018-19)
- 145 students and 41 faculty registered - UGC (2018-19)
- Department Course coordinator
- Faculty wise coordinators (Dr. A. Jeevarathinam, FASH; Mr. T. Ramesh, FoE)
- University Nodal Officer – (Dr. M. Palaniswamy)

Contd.....

Soft Skills

Focus - Personality Development



Roles and Responsibilities of the Mentors

Regular conducts of meeting

- Mentors and students should expect to be treated with courtesy and mutual respect
- It should be confidential nature of meeting (if needed third person may be included)
- Homesickness, loneliness, relationship issues, bullying, health issues, concerns relating to academic ability, financial issues, providing constructive feedback
- Mentors will have effective professional and inter professional working relationships to support learning for students
- Set and maintain professional boundaries

Social and Industry Connect


Focus - Connect HEIs with local communities by engaging the faculty and students

- 5 villages are adopted by KHAE under UBA (Seerapalayam, Nachipalayam, Arisipalayam, Malumachampatti, and Othhakkalmandapam)
- 1-2 credit course to instill Institutional Social Responsibility
- Customization of technologies as required by the people
- Institution - Industry interface curriculum development (field visits, internships, summer training, applied research, consultancy, employment etc.)

Unnat Bharat Abhiyan (UBA)

- MHRD launched the UBA scheme in 2017
- An adopted village scheme – Minimum 5 villages
- National Nodal Centre – AICTE (IIT- Delhi)
- Participating Institutions (PIs) (KAHE)
- Registration of PIs
- Approval from the District Administrator
- Documentation / Uploading to MHRD web portal
- Best Awards each year by the MHRD
- Program Coordinator (Dr. A. Dharmaraj and team)
- University Nodal Officer (Dr. M. Palaniswamy)

Contd.....

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- Know your MP
 - Various schemes available for the people
 - Survey on villages (format)
 - Creation of basic facilities
 - Innovation programs (i.e.) low cost building construction, water management, waste disposal, painting of walls, check dam etc.
 - Skills development (i.e.) tailoring, plumber, soap making, etc.
 - Communication skills / tuition for the school students
 - Awareness program (open defecation free (ODF), health hygiene, camps etc.)
 - Creation of jobs (Drivers, Watchman, Petty shop etc.)

Swachh Bharat Abhiyan (SBA)

- Ministry of Housing and Urban Affairs initiatives
- National Nodal Centre - UGC, Delhi
- Faculty and student participating program
- Student registration
- Maintaining the cleanliness of the village
- Student summer internship program (100 h)
- Four-credit program (2 credits theory and 2 credits internship program)
- Documentation / uploading – SBA web portal (117 student participated)
- Program Coordinators (Dr. A. Dharmaraj / Dr. Deivanayaki)
- University Nodal Officer (Dr. M. Palaniswamy)

Student Progression

◦ **Focus – Alumni engagement**

- Exit Programme for final year students
- Alumni Cell / Association in HEIs
- Alumni Portal for tracking student / alumni progress
- HEIs to have a dedicated webpage/ link for alumni
- Stay connected - Social media
- Alumni Excellence Awards
- Encouraging Alumni for contributing / giving back to the institution
- No. of alumni registered 16000+
- University Alumni Coordinator: Dr. V. Senthilkumar

Faculty Development

Focus - Faculty Enrichment

- Induction Training for all newly recruited faculty
- Awareness about emerging developments
- Equip with science and art of teaching
- Technology integration, e-learning resources
- Self empowerment, motivation, team work and leadership
- Sensitization and engagement with issues such as gender, environment and sustainability, social cohesion, national integration, human values and professional ethics etc.
- Annual refresher training for all faculty members
- Registration MOOCs online courses
- Orientation and Refresher programs are planned in the odd semester 2018-2019

Promoting Quality Research

Focus – Quality Research and Innovation

- Promoting research – Socially / Locally relevant and Nationally / Globally significant
- Integration of research output with community well being.
- Alignment of Institutional objectives and policies to contribute towards new knowledge and Innovation
- Nurturing culture for Quality Research, Innovation and Publications
- Faculty's motivation and commitment

Research Policy Framework

- Publication – Research articles / Book Chapters / Books / Patents / Policy Documents / News paper articles /
- Non-Publication – Online courses / development of tool / software / industrial projects / consultancy etc.
- Mandatory Two research article publications by every faculty member / year
- Publication in Web of Science / SCI / SCOPUS / EBSCO / Impact factor journal (Thomson Reuters)
- 1428 SCOPUS indexed publication by KAHE

Research Policy Framework

Plagiarism

- To create awareness about responsible conduct of research, thesis, dissertation, promotion of academic integrity and prevention of misconduct including plagiarism in academic writing among students, faculty, researcher and staff

Penalty (thesis)

Level 0: Similarities upto 10% no penalty

Level 1: Similarities between 10 and 40% Revision required within 6 months

Level 2: Similarities between 40 and 60% Debarred from submitting a revised script for a period of one year

Level 3: Similarities above 60% Registration will be cancelled

Library Networks

National Digital Library (NDL)

- An MHRD initiative
- National Nodal Centre (IIT – Kharagpur)
- Registration of students and faculty members
- Sharing of 72 lakhs digital books through E-library resources
- Dedicated Mobile application
- 3199 registered users from KAHE
- University Nodal Officer (Dr. N. Krishnaswamy, Librarian)

Library Networks

◦ e-Shodh Sindhu

- 15000 e-journals and e-books
- Maintained by the INFLIBNET, An Autonomous Institution of UGC
- University Nodal Officer (Dr. M. Palaniswamy)

e-Vidwan

- Information and Library networks (INFLIBNET)
- Expert database and National Researcher's Network
- 25993 experts database available
- Faculty registered under VIDWAN is 38

Digital Initiates

- **National Academic Depository (NAD)**
- **National Testing Agency (NTA)**
- **Monitoring Cell**

National Academic Depository (NAD)

- An MHRD initiatives
- National Nodal Centre – UGC, New Delhi
- Authorized Nodal Agency (NSDL/ CSDL)
- Issue of secured digital Grade sheet, CSM, PC, DC etc. through NAD (10th Plus two, UG / PG / M.Phil / PhD)
- Registration of Institution (KAHE)
- Registration of students with and without Aadhar card
- Submission of marks and credits to NAD Centre
- Department Coordinator
- University Nodal Officer (Dr. M. Palaniswamy)

National Testing Agency (NTA)

KAHE is recognized center for conducting online examination under NTA, Govt. of India.

National Nodal Centre (IIT, Kanpur)

- JEE
- NEET (UG)
- UGC-NET
- CMAT
- GPAT

Monitoring Cell

- Digital Campus
- Smart Campus
- Clean Campus
- National Digital Payment
- Innovative Drives
- Plan of Future (Short tem / medium term / long term goals)
- University Nodal Officer (Dr. GKD Prasanna Venkatesan, Dean, FoE)

Evaluation of Project Proposal / PhD Thesis

◦ **Project proposal evaluation**

- Any research proposal (Staff / student project) scrutinized by Scrutinized by a team of faculty
- Submission of draft proposal at least a week before the deadline
- Plagiarism check

PhD thesis evaluation UGC Regulation 2016 (amendment)

- Four from international
- Six from National and
- Research Supervisor

Committees / Cells / Club / National and International Days

- Periodic meeting as per the administrative calendar
- Celebration of approved National / International Days
- Updating in the KAHE website
- Involve all the students by registration
- Club activities may be organized for the adopted village in co-ordination with NSS Coordinator
- Report submission to IQAC / KAHE Newsletter
- Committee (12) Cells (12) Club (12) Days (41) Centre (4)

Membership Registrations

- Member in Academic / Scientific Bodies
- Researcher ID (Thomson Reuters) - Citations
- ORCID - Citations
- SCOPUS – Citations / h index, i10 index
- Clarivates (Research)
- Researchgate - Citations
- Google Scholar - Citations
- VIDWAN – Data base (India)
- Journal Reviewer / Editor etc.

NAAC Assessment Guidelines

- From qualitative peer judgment to data based quantitative indicator evaluation with increased objectivity and transparency
- Pre-qualifier for peer team visit, as 30% of system generated score
- System Generated Scores (SGS) with combination of online evaluation (about 70%) and peer judgement (about 30%)
- Quantitative metrics (QnM) and Qualitative Metrics (QIM)
- Third party validation of data
- Enhanced participation of students and alumni in the assessment process

Academic and Administrative Audit (AAA)

Academic Audit

- A scientific and systematic method of reviewing the quality of academic process

Administrative Audit

- A process of evaluating the efficiency and effectiveness of the administrative procedure

Objectives of AAA

- To understand the existing system and assess the strengths and weakness of the departments / administrative units
- To identify the bottlenecks in the existing administrative mechanisms and to identify the opportunity for academic, administrative and examination reforms
- To evaluate the optimum utilization of financial and other resources
- To suggest the methods for continuous improvement of quality keeping in mind criteria and report by NAAC and other bodies

Internal Quality Assurance Cell (IQAC)

- Activity Plan (semester wise)
- Follow up / Monitoring
- Academic Audit (Internal / External)
- Feedback and analysis
- Corrective measures
- Quality Enhancement – FDP
- Collection and authentication of data (Department)
- Report generation
- Dissemination of knowledge / information to students and faculty members
- 349 programs are planned for odd / even semester 2018-2019 (191+158)

Internal Quality Assurance Cell (IQAC)

Data Submission to various regulatory bodies

MHRD

UGC

AICTE

NIRF

AISHE

NAD

MoCI

MeITY

AIU

TNSCST

AQAR

KAHE and

other statutory councils

Internal Quality Assurance Cell (IQAC)

Participation in

- NIRF ranking (MHRD)
- AISHE data submission (MHRD)
- Participation in Swachhta Ranking – MHRD
- Student Anti-ragging registration – UGC (840 students registered in 2018-19) – MHRD
- Regular updation in University Activity Monitoring Portal (UAMP) – UGC
- Swachh Bharat Abhiyan program
- Unnat Bharat Abhiyan Program
- Atal Ranking of Institutions on Innovation Achievements (ARIIA), MHRD
- Setting up NRDC- Innovation Facilitation Centre (applied)
- Scientific Industrial Research Organization (applied)

Coordinator (Mr. T. Shanmugavel)

Director (Dr. M. Palaniswamy)

Chairman (Vice Chancellor)



Thank you