



Hindusthan College of Arts & Science

An Autonomous Institution – Affiliated to Bharathiar University

Approved by AICTE and Govt. of Tamilnadu

Accredited by NAAC – An ISO Certified Institution

Coimbatore – 641 028

Internal Quality Assurance Cell

IQAC Annual Summary 2017-2018

The Internal Quality Assurance Cell (IQAC) of the College was established on 28/05/2014. Quality enhancement is a continuous process and the IQAC engages to guide the college towards realizing the goals of quality enhancement and sustenance. The primary task of the IQAC as envisioned by NAAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of the college. In order to be in line with the vision of NAAC for quality enhancement and sustenance during the post-accreditation period, the IQAC will channelize all efforts and measures of the institution towards promoting its holistic academic development towards excellence in quality.

Objectives

The foremost objective of the IQAC is to ensure perpetual improvement of academic and administrative activities and engage in conscious, consistent and catalytic action for enhanced performance.

Strategies

- Envisage and encourage timely, efficient and progressive performance of academic, administrative and financial tasks.
- Ensuring the access and affordability of relevant academic and research programmes for various sections of society.
- Assimilate modern methods in teaching and learning.
- Ensuring the optimum use of resources
- Encouraging collaboration between national and international institutions.

Functions

- Ensuring the Identification, development and application of quality benchmarks.
- Conducting periodic Academic and Administrative Audit and its follow-up.
- Documenting various programmes and activities leading to quality improvement.
- Disseminating information on various quality parameters as per the need to all stakeholders.
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Preparing and submitting the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Significant contributions made by IQAC during the current year

- Augmentation of Curriculum and Teaching Learning Methods through Curriculum Development Cell (CDC) and ICT
- Promoting Co-Curricular and Extension Activities for the development of Students for their better Placement
- Effective ongoing Value Added, Online Courses, Placement and Vocational Education Training for the Skill development of the Students
- Promoting Research Culture among the Post Graduate students and the Faculty members
- To provide Management Research Grant (Seed Money) to motivate and inculcate the Research interest among the Faculty
- Insisting Faculty Members to participate and present research papers in International Conferences/ Seminars/ Symposia and Enhance the Quality of Publications in UGC Approved Journals/ SCOPUS/ Web of Science/ Pubmed/ Science Citation Index Expanded
- Applying Grants/ Funds for Major/ Minor Research Projects and to organize Conference/Seminars/Workshop/Symposia
- Strengthening the Placement for Students for Career Advancement
- To Strengthen the Outreach activities through National Service Scheme, National Cadet Corps, Youth Red Cross, Rotaract and Lions Clubs and the Departments

- To Strengthen the Existing Greenery with more number of Native Species in view of Environmental Conservation

Research and Development

Funds Received from various Funding Agencies

- ❖ DBT STAR College, Strengthening of UG Component, Rs. 82,00,000/- sanctioned for 3 years duration
- ❖ Capacity Building Programme on Children affected by Drug Abuse, Ministry of Social Justice and Empowerment of India, Ministry of Social Justice and Empowerment of India
- ❖ Innovation in Science Pursuit for Inspired Research (INSPIRE) Internship Camp, Department of Science and Technology, New Delhi, Rs. 9,00,000/-
- ❖ The Management has sanctioned a seed money of Rs.1,32,200 to 8 staff members for conducting research.
- ❖ Funds received from the Industry amounted to Rs.15,63,000 towards research and development.

Publications

A total of 286 publications were made by the faculty members in reputed journals. Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings totalling to 86. No of Patents registered is 1.

Events Organized

- ❖ The college organized 3 professional development / administrative training programmes, for teaching and non-teaching staff.
- ❖ To create awareness among the faculty members and the students, 5 Programmes were conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices.
- ❖ The college has provided financial assistance to the faculty members amounting to Rs. 16,700 during the year for attending conferences / workshops outside the college and towards membership fee of professional bodies.
- ❖ 3660 students have participated in the various activities conducted for promotion of universal values and ethics.
- ❖ Through a number of Capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga,

Meditation, Personal Counselling and Mentoring, the number of students benefitted totalled to 14,184.

- ❖ The college organized 14 sports and cultural activities / competitions during the year and 2578 students participated in the above activities / competitions.
- ❖ 13 Gender equity programmes were organized by the college in which 1142 female and 869 male students participated and were benefitted.

Faculty / Staff Development Programmes attended by the faculty members

In our college, 128 faculty members have attended 44 professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year.

No. of teachers attending professional development programmes		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Faculty Development Programme on “Communication Skills”	11	02.06.2017 & 03.06.2017
Faculty Development Programme on “Teaching Methodology – an overview”	02	15.06.2017
Faculty Development Program on “Mentoring the Mentors”	01	26.06.2017
Faculty Development Programme on “GST – Roll out – an academic perspective”	01	30.06.2017
Faculty Development Programme on “Emotional Intelligence”	01	18.07.2017 & 19.07.2017
“Aalvarkal- Oru Panmuga Nokku”	06	24.07.2017 & 25.07.2018
Faculty Development Programme on “Foundation Program in ICT for Education” conducted by IIT Bombay – FDP101X	08	03.08.2017 to 13.09.2017
“Our Door Leadership Skill Development Programme”	01	07.09.2017 & 08.09.2017
Faculty Development Programme conducted by Infosys	02	12.09.2017 to 20.09.2017

8 days Faculty Development Program for “Global Business Foundation Skills”	01	12.09.2017 to 20.09.2017.
Faculty Development Programme on “Pedagogy for Online and Blended Teaching-Learning Process” – FDP201X	06	14.09.2017 to 20.11.2017
Two Day Faculty Development Programme on “Emotional Intelligence conducted by ICT Academy”	01	05.10.2017 & 06.10.2017
“Data Science and its Research”	03	06.11.2017 To 19.11.2017
Two Day Technical Workshop On “Intellectual Property Rights”	01	15.11.2017 & 16.11.2017.
“Skills Development for Business Research”	01	24.11.2017 & 25.11.2017
National Level Workshop	01	20.11.2017 to 28.11.2017
“India - Asian Kavignarkal”	02	27.11.2017 & 28.11.2017
“Panmuga Nokil Thamizh Elakkiyam“	05	11.12.2017
“A Study on Comparative Prospects in Tamil” - English Literature	03	12.12.17
Faculty Development Programme on “Outcome Based Education”	02	14.12.2017
National Workshop on “Homology Modelling and Molecular Docking”	02	27.12.2017
National Conference on “Bioprospecting- Indian Perspectives, Challenges and Opportunities”	05	28.12.2017
National Seminar on “Molecular Markers in Genetic Disorders with special reference to Diabetes Mellitus”	02	05.01.2018 & 6.01.2018
Faculty Development Programme on “Inclusive Higher Education in Changing National Priorities”	01	29.01.2018
National Level Workshop	01	16.02.2018 & 17.02.2018
National Seminar on “Recent trends in Chemical Sciences”	03	23.02.2018

NPTEL Online Certification Course “Cloud Computing”, 8 week course	01	March, 2018
IIT Online Certification Course “Cloud Computing”, Electronics and ICT Academy, IIT Kanpur, Ministry of Electronics and Information Technology	01	March, 2018
IIT Online Certification Course “JAVA Collection Framework”, Electronics and ICT Academy, IIT Kanpur, Ministry of Electronics and Information Technology	01	March, 2018
“Irubathoraam Nootraandil Thamizhin Nokkum Pokkum”	05	01.03.2018 & 02.03.2018
Faculty Development Programme on "Applications in Research Methodology"	05	02.03.2018
Faculty Development Programme on “Bio computational methods using Python and Perl”, PSGR Krishnammal College for Women	01	06.03.2018
Attended a One Day Faculty Development Program on “Bio Computational Methods Using Python and Perl	01	06.03.2018
Faculty Development Programme on “Foundation Program in ICT for Education” conducted by IIT Bombay – Rerun of FDP101X	10	08.03.2018 to 12.03.2018
“Bioinformatics in Life Science & Research”	05	09.03.2018 & 10.03.2018
Faculty Development Program on “Research Methodology”, Rathinam College of Arts and Science	06	10.03.2018
Faculty Development Programme on “Pedagogy for Online and Blended Teaching-Learning Process” - Rerun of FDP201X	10	03.05.2018 to 31.05.2018
“Value Building is Nation Building”	01	05.05.2018
Faculty Development Program for “Global Business Foundation” by Infosys BPM Ltd Chennai	01	22.05.2018 to 30.05.2018
“Bio Computational Methods using Python & PERL”	01	03.06.2018 to 20.06.2018
“Mentoring the Mentors”	02	20.06.2018

Faculty Development Programme on “Mentoring the Mentor” conducted by Karunya Institute of Technology and Sciences, Coimbatore	02	20.06.2018
“Structural Equation Modelling-Application of AMOS Software”	01	02.07.2018
Faculty Development Programme on “Introduction to PHP Programming” organized by Sankara College of Science and Commerce by ICT Academy	01	24.07.2018 & 25.07.201

Faculty Members developing e-content videos

The faculty members of our college developed 38 e-contents materials (videos) on various subjects to enable effective teaching learning process.

Honours and recognitions received by teachers			
Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Mrs. G. Rajalakshmi	Associate Professor & Head	Qualified TN State Level Eligibility Test (TN-SET)
2017	Mrs. P. Hemashree	Assistant Professor	
2017	Dr. M. Nirmala	Professor & Head	
2017	Dr. S. Sasikala	Associate Professor	
2017	Mrs. M. Kousalyadevi	Associate Professor	
2017	Dr. Mohammed RafiqKhan K	Assistant Professor	Travel Grant - University Grants Commission, New Delhi

2017	Dr. T. Sathiyaraj	Assistant Professor	The Best Article Award, University of Malaya and KSR College of Arts and Science for Women
2017	Dr. Aruvi Thenmozhi	Associate Professor	Senthamizh Kalai Sirpi, Thannammal Kalvi Arakattalai and Sithar Tamilaivu Mandram
2018	Dr. I. Punithavathi	Associate Professor	Qualified UGC – NET
2018	Dr. S. Sasikala	Associate Professor	Innovative Research and Dedicated Women Academician Award from the Society of Innovative Educationalist and Scientific Research Professional, Malaysia.

Faculty Members as Resource Persons

23 of our faculty members served as Resource Persons to various institutions.

Consultancy and Corporate Training

The revenue generated through Consultancy amounted to Rs.1,85,250 and through Corporate Training Rs.15,000 was received.

Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Workshop on “Computer Aided Designing using SPEED STEP software” in association with SPEED STEP Software Solutions (India) Pvt Ltd.,	Costume Design and Fashion	30.08.2017 to 31.08.2017
Seminar on “Intellectual Property Rights”	Commerce (Corporate Secretaryship)	22.01.2018
Workshop on “Mycorrhizal Biofertilizer Technology – a Tool for Agriculture, Horticulture and Forestry ”	Microbiology	03.08.2018
DBT Sponsored Seminar and Workshop on “Intellectual Property Rights”	Biotechnology	06.08.2018 to 07.08.2018
National Level Technical Workshop on “Intellectual Property Rights”	Microbiology	20.09.2018

Activities carried out as extension activities through funding from Government and other recognizedbodies during the year

Name of the Activity	Financial Support Details	Funding Agency	No. of Students benefited
Workshop on Mushroom cultivation	Financial Support TNSCST/POPS/AR/14/2016-2017/1792	Tamilnadu State Council for Science and Technology, Chennai	51
Workshop on Vermicomposting	Financial Support TNSCST/POPS/AR/24/2016-2017/1812	Tamilnadu State Council for Science and Technology, Chennai	42
Workshop on Terrace gardening	Financial Support TNSCST/POPS/AR/21/2016-2017/1806	Tamilnadu State Council for Science and Technology, Chennai	55

Awareness Programme on Water Sanitation among Tribal Women in the Foothills of Siruvani	Financial Support TNSCST/POPS/AR/21/ 2016-2017/3622	Tamilnadu State Council for Science and Technology, Chennai	35
Awareness Programme on E-waste management	Financial Support TNSCST/POPS/AR/21/ 2016-2017/3642	Tamilnadu State Council for Science and Technology, Chennai	30
Student Voluntary Service Programme	Certificate of Appreciation	Isha Vidhya Educating Rural India	15

Scholarship to Students

For the year 2017-2018, the students were benefitted by receiving the management scholarship to the tune of Rs.1,47,58,350 and the private scholarship amounting to Rs.5,13,000.

Coaching for Competitive Examinations, Counseling and Career Guidance

250 students were also benefitted from coaching and training classes conducted for Competitive examinations and 1745 students were benefitted from career counseling programme.

Extension activities and Institutional Social Responsibility

280 teachers and 3608 students participate in the extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS /Youth Red Cross (YRC) etc.,

99 extension activities were conducted through various departments of the college in association with Government Organizations, Non-Government Organizations. The programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. were also organised by the college during the year.

Students Participation in Sports, Games and Other Events

The students of our college have received 39 awards including team awards /medals for outstanding performance in sports/cultural activities at national/international level.

MOUs

MoUs were signed between Hindusthan College of Arts and Science and many organizations and universities with the objective of promoting advancement of research culture and to conduct and attend Conferences, Seminars and Workshops jointly for the students and staff and also to have exchange program. Our college has signed 17 MoUs for the Academic Year 2017 - 2018

Industry Interaction / Collaboration

Collaborative activities for research, faculty exchange, and student exchange during the year

Collaborative activities for research, faculty exchange, student exchange during the year was done in association with -

- Indian Institute of Horticulture and Research, Bengaluru under ICAR,
- Department of Horticulture, Suncheon National University, South Korea
- Department of Biological Engineering, Biohybrid Systems Research Centre, South Korea; Department of Molecular Science and Technology, Ajou University, Suwon, Republic of Korea; Department of Energy and Materials Engineering, Dongguk University, Seoul, Republic of Korea; Advanced Nano Surface Research Group, Korea Basic Science Institute (KBSI), Republic of Korea
- The College has established linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year through which 308 students were benefitted through 15 events.

During this year, 7 Incubation centres were created by various departments viz., Costume Design & Fashion Unit (Production of Home Textiles), Mushroom Cultivation Unit, Vermiculture and Vermicomposting Unit, Mobile Phone Servicing Centre, Preservatives, Bakery and Confectionery Unit, Website, Software and Mobile App Development Hub, Photography and Painting Centre.

During the academic year 2017-2018 2 IQAC Meetings were conducted.

Library

During this year, new books and journals were added in the library to the tune of Rs. 19,25,605.

NSS and YRC

Totally, 27 events and activities were conducted through NSS and YRC where 3608 students of our college have participated.

Clubs and Associations

The Institution nurtures the young minds in association with various Clubs functioning in the campus such as Quiz, Elocution, Health, Ecoclub, Lions, Rotaract, Youth Red Cross, Culinary, Crafts, Arts, Film, Photography, Music, Drama Club etc. The following clubs organize several societal events and also provide the leadership qualities among the students and also training is provided to the students by the experts that include Tailoring, Beautification, Embroidery/Jewellery making, Toys making, Cookery, Vegetable Carving, Bakery items Production, Jam, Pickle and Jelly Production, Painting, Handicraft, Theatre, Script Writing, Animation techniques for self-employment. These kind of activities and functions fosters relationship and nurture unity among the student fraternity.

Placement Cell

The Placement cell fulfils the expectations of the recruiters and the dreams of the students. HICAS – HCR (Hindusthan Corporate Relations) coordinates with companies and conducts placement drives. The main endeavour is to get students placed in reputed Multi-National Companies, Government Organizations, NGO's and the Private Sectors. Aptitude tests, Snap tests, GDs and Mock Interviews by HRs from reputed concerns were conducted to groom the students to face job interviews with enviable aplomb. HICAS is one of the places, which come to the minds of the recruiters once the époque of placement begins. At HICAS, it is our relentless deed to make all our students industry-ready.

Placement Training is imparted to the second year and final year students to improve the communication skills, aptitude, technical and interview skills. The Placement officer and his team are working tirelessly to place students in reputed organizations. The Placement Cell during the year 1665 students have been placed in reputed companies through on campus and off campus drives.

Additions to Infrastructure

During the year 2017-2018, 7085 Sq.mts were added to the existing buildings and the value of the equipment purchased during the year amounting Rs.20,21,775. Further 3 new seminar halls were added to the existing facilities.

Future Plans of action for next academic year (2018-2019)

- ❖ Initiation of Outcome Based Education (OBE) into the Curricula effectively
- ❖ International Collaboration for promoting Research and Development
- ❖ International Tie-ups for Student and Faculty Exchange
- ❖ Promotion of attracting Foreign Nationals for Admission
- ❖ Augmentation of Curriculum and Teaching Learning Methods through Curriculum Development Cell (CDC) and ICT
- ❖ Effective ongoing Value Added, Online Courses, Placement and Vocational Education Training for the Skill development of the Students
- ❖ Promoting Co-Curricular Activities for the development of Students for their better Placement
- ❖ Promoting Research Culture among the Post Graduate students and the Faculty members
- ❖ Insisting Faculty Members to participate and present research papers in International Conferences/ Seminars/ Symposia and Enhance the Quality of Publications in UGC Approved Journals/ SCOPUS/ Web of Science/ Pubmed/ Science Citation Index
- ❖ Applying Grants/ Funds for Major/ Minor Research Projects and to organize Conference/Seminars/Workshop/Symposia
- ❖ Strengthening the existing Infrastructure and Greenery in the Campus
- ❖ To promote the Outreach activity to the Society, the Institution has a plan to Adopt a rural Village
- ❖ To organize training programs for Public Sector School Teachers for the effective
- ❖ Teaching Learning and Evaluation Process
- ❖ To organize more number of awareness programs on day to day activities concerning the Sustenance like safety handling of House hold appliances, importance of Renewable Energy Resources and Solid, Liquid and E-Waste Management.
- ❖ To organize programmes for socially disadvantaged students for their progress in higher education

- ❖ To organize Intercollegiate Programs emphasizing the skill development of students.
- ❖ To organize workshops on Terrace gardening, Terrarium, Rock garden, Vermicomposting, Vegetable Carving, Mushroom Cultivation, Coir Pith Making, Fruit Jam Production for the college students and Self help group.
- ❖ Campaigns to create social awareness among public on various issues like Plastic Free Environment, Drug Abuse and illicit Trafficking, ill Effects of Dengue, Chikunkunya Fever, Swachh Bharat, Gender Equality, Digital India.