The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.*(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

AQAR for the year *(for example 2013-14)*

| 2015-16 |

1.Details of the Institution

1.1 Name of the Institution

| INDIAN ACADEMY DEGREE COLLEGE |

1.2 Address Line 1

| HENNUR CROSS, HENNUR MAIN ROAD |

Address Line 2

| KALYAN NAGAR |

City/Town

| BANGALORE |

State

| KARNATAKA |

Pin Code

| 560043 |

Institution e-mail address

| principal_iadc@indianacademy.edu.in |

Contact Nos.

| 08022022904, 915 |

Name of the Head of the Institution:

| Dr. E. Jerome Xavier |

Tel. No. with STD Code:

| 08022022904 |

Mobile:

9448252019

Name of the IQAC Co-ordinator:

Ms.Sangeetha Annie George

Mobile:

9886033478

IQAC e-mail address:

iqac@indianacademy.edu.in

1.3 **NAAC Track ID***(For ex. MHCOGN 18879)*

KACOGN13919

OR

1.4 **NAAC Executive Committee No. &Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no.is available in the right corner-bottom
of your institution's Accreditation Certificate)

EC/49/A&A/75 dated June 15, 2009

1.5Website address:

www.indianacademy.edu.in

Web-link of the AQAR:

www.iadcollege.com / AQAR2015-16.doc

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.09	2009	5 years
2	2nd Cycle	A	3.27	2016	5 years
3	3rd Cycle				
4	4th Cycle				

1.7Date of Establishment of IQAC : DD/MM/YYYY

09/09/2009

1.8 Details of the previous year's AQAR submitted to NAACafterthe latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i. AQAR_____ 22/08/2010
   ii. AQAR_____17/09/2011
   iii. AQAR_____09/10/2012
   iv. AQAR_____28/09/2013
   v. AQAR_____29/09/2014
   vi. AQAR_____30/10/2015

1.9Institutional Status

University ☐   State ☐   CentralDeemed ☐   Private ✓

   Affiliated College   Yes ✓   No ☐

   Constituent College   Yes ☐   No ✓

Autonomous collegeof UGC   Yes ☐   No ✓

Regulatory Agency approved Institution   Yes ✓   No ☐

   (eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ✓   Men ☐   Women ☐

   Urban   Rural ✓   Tribal ☐   ☐

Financial StatusGrant-in-aid ☐   UGC 2(f) ✓   UGC 12B ✓

Grant-in-aid +Self Financing ☐   Totally Self-financing ✓

1.10Type of Faculty/Programme

   Arts ✓   Science ✓ Commerce ✓ Law ☐   PEI(PhysEdu) ☐

   TEI (Edu) ☐ Engineering ☐   Health Science ☐   Management ✓

   Others(Specify) [   ]

1.11Name of the Affiliating University *(for the Colleges)*   BANGALORE UNIVERSITY

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University | √ |

   (Attained Autonomous status in the month of September,2016)

University with Potential for Excellence [   ]   UGC-CPE [   ]

DST Star Scheme [   ]   [   ]

UGC-Special Assistance Programme DST-FIST [   ]   [   ]

 UGC-Innovative PG programmes [   ]   *Specify)* [   ]

UGC-COP Programmes [   ]

2.IQACComposition and Activities

2.1No. of Teachers	09
2.2No. of Administrative/Technical staff	01
2.3No. of students	02
2.4No. of Management representatives	01
2.5No. of Alumni	02
2. 6No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	02
2.9 Total No. of members	19
2.10No. of IQAC meetings held	06

2.11 No. of meetings with various stakeholders: No.   Faculty   6

Non-Teaching Staff 2   Students 2   Alumni 1

Others 1

2.12 Has IQAC received any funding from UGC during the year?   Yes ☐   No ✓

If yes, mention the amount   Nil

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. 17   International Nil   National 1   State 1   Institution Level 15

(ii) Themes

- National Seminar on **"Bio-molecular Research in Health and Medicine"** organized by the department of Life Sciences on 6th October 2015.
- IQAC state level seminar on **"Quality Enhancement and Sustenance in HEI – Post-Accreditation Scenario"** on 29th February 2016.
- One-day IQAC seminar on "**Roadmap to Autonomy – Equipping and Building Competency among the Faculty Members"** on 4th May 2016.
- Three Day FDP – 'Srujana-2015' on Team work, art of doing creative research, breaking Silos and teaching as a performing art.
- Workshops / Training Programme / FDP on
    - Workshop on Fourier Series, Fourier Transforms & Applications for students-Department of Mathematics
    - "**Enhance your Efficiency**" for administrative staff
    - FDP on Autonomy for Teaching staff
    - Knowledge Pro training for Lab Assistants
    - Student leadership training programme "Step-up" for student council members
    - Lecture on "Oral Cancer – Causes and Preventive measures" for the House-keeping staff

2.14 Significant Activities and Contributions made by IQAC

1. Implementation of IQAC recommendations
   - Organizing FDPs and Seminars as a step towards Preparation for Autonomy
   - Increase the number of MOUs
   - To strengthen and conduct more Value Added Programmes under the banner of IACPE
   - Celebration of International Yoga Day
2. Collaborative Programmes with other departments

Department	Theme of National Seminars/Conferences	Date
Life Science	National Seminar on **"Bio-molecular Research in Health and Medicine"**	6th October 2015
Mathematics	Workshop on Fourier Series, Fourier Transforms & Applications	26th -27th Feb 2016
Life Science	National Science Day Celebrations in association with Karnataka Association for Advancement of Science	27th February 2016

- Plantation of saplings on the occasion of Founders' Day
- Awareness talk on Communicable diseases
- Fire drill and life saving measures
- Public awareness drive on public health and welfare
- Collage competition on themes like Women Empowerment and Child Labour
- Gender sensitization programmes

3. Initiation of department level programmes like Seminars, workshops, training programmes, guest lectures, extension activities and monitoring the same
4. Obtaining stake-holder feedback : Student, Faculty, Alumni, Parent, Employer feedback
5. Procurement of departmental AQAR which forms the basis for AQAR submission to NAAC
6. Conducting Academic Audit based on Departmental AQAR
7. Orientation Programme for all the students
8. Induction Programme for the newly appointed teaching staff
9. Result Analysis meetings with the departments to identify the shortcomings and remedial measures to improve the students' performance
10. Guidance and support towards the organization of PTA meet and Alumni meet

2.15Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievement
To organize State Level or National Level IQAC Seminar	A State level Seminar on "Quality Enhancement and Sustenance in HEI – A Post-Accreditation Scenario" was organized on 29th February 2016
To organize programmes towards preparation for Autonomy	Organized Seminars, FDP as a ground work in the direction of Autonomy Visits to renowned Autonomous Institutions
To organize seminars, workshops, FDPs and community extension activities in departments	HODs meeting held with IQAC and the requirements were communicated, which resulted in accommodating the quality initiatives in the departmental calendar and subsequent implementation.
Recommendation for 🞢 Status of Autonomy 🞢 Financial Support through Single Girl Child Scholarship 🞢 Celebration of International Yoga Day 🞢 Enhance the number of MOUs 🞢 Annual Academic Audit 🞢 Creation of Institutional email ids for staff members 🞢 Augmenting KMS with additional modules 🞢 Display of Signage boards	🞢 The college has submitted the application and the first inspection from the parent university is successfully completed 🞢 Single girl child scholarship was implemented from the year 2016 🞢 International Yoga Day was celebrated on 20th June 2015 🞢 The number of MOUs have increased from 15 to 22 🞢 Annual Academic Audit was organized on 4th February 2016 🞢 Faculty members were provided with official email ids 🞢 New modules were introduced 🞢 Signage boards were printed and displayed throughout the campus
Orientation programme for all UG & PG students	Three day orientation programme was organized for the students across streams
To encourage Faculty and Student Participation in Seminars/Conferences in Themes related to their respective domain and Quality in HE	Members of Faculty and students participated and presented papers in various National and International Conferences

Capacity building sessions for teaching/non-teaching staff.	Organized • Three Day FDP – 'Srujana-2015' on Team work, Art of doing creative research, breaking Silos and teaching as a performing art. • Workshops / Training Programme / FDP on ↳ Workshop on Fourier Series, Fourier Transforms & Applications for students ↳ "Enhance your Efficiency" for administrative staff ↳ FDP on Autonomy for Teaching staff ↳ Knowledge Pro training for lab assistants ↳ Lecture on "Oral Cancer – Causes and Preventive measures" for the house-keeping staff
Leadership training programme for Student Council members	Student leadership training programme "Step-up" for student council members
To arrange for stake holder feedback	Student feedback on Curriculum, teaching-learning and student support services, Alumni feedback on curriculum on 8th November 2014, Parental feedback on curriculum, Employer feedback on curriculum through Training and Placement Cell

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes ☑   No ☐

Management ☑   Syndicate ☐   Any other body ☐

Provide the details of the action taken

AQAR is placed in Governing Council meeting and is approved

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	14		14	
UG	17		17	
PG Diploma	8		8	
AdvancedDiploma				
Diploma				
Certificate	10		10	10
Others				
Total				

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	22
Trimester	0
Annual	8

1.3 Feedback from stakeholders*Alumni [✓] Parents [✓] Employers [✓] Students [✓]
    (On all aspects)

Mode of feedback: Online [✓]   Manual [✓]   Co-operating schools (for PEI) [ ]

*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Nil

1.5 Any new Department/Centre introduced during the year. If yes, give details.

M.A. (Economics), M.Sc.(Physics)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
110	79	15	16	

2.2 No. of permanent faculty with Ph.D.

25

2.3 No. of Faculty Positions
Recruited (R) and Vacant (V)
during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
27									

2.4 No. of Guest and Visiting faculty and Temporary faculty

08

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	17	1
Presented papers	9	15	1
Resource Persons			2

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Optimum usage of ICT facility.
- Cloud technology for creating student groups, sharing lecture notes and class work submissions.
- Few practical sessions linked to virtual labs under MHRD and IIT's
- Accessing consortium of educational communications (e-CEC)
- Use of NPTEL lectures
- Students are encouraged to register for MOOCs
- Alumni student interaction forums
- Case study approach, Role play.

2.7 Total No. of actual teaching days
during this academic year

214

2.8   Examination/ Evaluation Reforms initiated by
the Institution (for example: Open Book Examination, Bar Coding,
      Double Valuation, Photocopy, Online Multiple Choice Questions)

- As ours is an affiliated college, examinations are conducted by university as per the ordinance of the university.
- Mid semester and End semester examinations are conducted by the college.
- MCQs conducted in few departments as a part of Internal Assessment.
- Different methods of assessing tests, projects, assignments, seminars are conducted in various departments.
- Blue book is used for internal assessment.

2.9   No. of faculty members involved in curriculum

05	

restructuring/revision/syllabus development
as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc.						
Nov -15(I sem)	**34**	**67**	**Nil**	**Nil**	**Nil**	**67**
June-16(II sem)	**33**	**39**	**18**	**3**	**Nil**	**60**
Nov-15(III sem)	**52**	**69**	**3.8**	**Nil**	**Nil**	**73**
June-16(IV sem)	**51**	**66**	**1**	**Nil**	**Nil**	**67**
Nov-15(Vsem)	**38**	**36**	**39**	**7**	**Nil**	**82**
June -16(VIsem)	**38**	**31**	**34**	**5**	**Nil**	**70**
B.A						
Nov -15(I sem)	**45**	**28.8%**	**22.22%**	**2.22%**	**-**	**53**
June-16(II sem)	**28**	**60.71%**	**25%**	**14%**	**-**	**100**
Nov-15(III sem)	**19**	**10.52%**	**36.84%**	**-**	**-**	**47**
June-16(IV sem)	**12**	**66.66%**	**33.33%**	**-**	**-**	**100**
Nov-15(Vsem)	**24**	**NIL**	**12.5%**	**41.66%**	**16.66%**	**71**
June -16(VIsem)	**20**	**NIL**	**40%**	**45%**	**15%**	**100**
BCOM						
Nov -15(I sem)	**362**	**11.25**	**34.5**	**14.25**	**-**	**60**
June-16(II sem)	**311**	**9.5**	**33.3**	**9.2**	**5**	**57**
Nov-15(III sem)	**275**	**-**	**39.3**	**12.7**	**-**	**52**
June-16(IV sem)	**262**	**4.2**	**28.5**	**13.3**	**4**	**50**
Nov-15(Vsem)	**293**	**8.4**	**32.3**	**6.1**	**5.2**	**52**
June -16(VIsem)	**270**	**-**	**38.7**	**19.3**	**-**	**58**
BBA						
Nov -15(I sem)	**54**	**37**	**17**	**2**	**0**	**56**
June-16(II sem)	**52**	**25**	**33**	**4**	**0**	**79**
Nov-15(III sem)	**47**	**40**	**36**	**11**	**0**	**87**
June-16(IV sem)	**47**	**15**	**23**	**30**	**0**	**77**
Nov-15(Vsem)	**75**	**0**	**21**	**27**	**27**	**75**
June -16(VIsem)	**74**	**0**	**42**	**32**	**8**	**88**
BCA						
Nov -15(I sem)	**93**	**27.9**	**16.1**	**-**	**-**	**44**
June-16(II sem)	**81**	**27.1**	**20.9**	**2.5**	**-**	**51**
Nov-15(III sem)	**61**	**36.06**	**8.19**	**-**	**-**	**44**
June-16(IV sem)	**54**	**20.37**	**24.07**	**3.7**	**-**	**48**
Nov-15(Vsem)	**122**	**2.89**	**49.2**	**11.4**	**-**	**41**
June -16(VIsem)	**112**	**10.7**	**39.28**	**7.14**	**-**	**57**

M.Sc(physics)					
Dec -15(I Sem)	**15**		**20**	-	-	**20**
June-16(II sem)					
Dec -15(III Sem)					
June-16(IV sem)					
M.Sc(Comp.Cs)					
Dec -15(I Sem)	**21**	**47.6**	**23.8**	-	-	**71**
June-16(II sem)					
Dec -15(III Sem)					
June-16(IV sem)					
M.Sc(Mathematics)					
Dec -15(I Sem)	**8**	**50**	**25**	-	-	**75**
June-16(II sem)					
Dec -15(III Sem)					
June-16(IV sem)					
M.Sc(Biotech)					
Dec -15(I Sem)					
June-16(II sem)					
Dec -15(III Sem)	**14**	**35.7**	**42.8**	-	-	**79**
June-16(IV sem)					
M.Sc (Biochem)					
Dec -15(I Sem)	**10**	**20**	**40**	-	-	**60**
June-16(II sem)					
Dec -15(III Sem)	**21**	**31.25**	**37.5**	-	-	**69**
June-16(IV sem)					
M.Sc(Micro bio)					
Dec -15(I Sem)	**8**	**75**	**25**	-	-	**100**
June-16(II sem)					
Dec -15(III Sem)	**8**	**50**	**37.5**			**88**
June-16(IV sem)	**8**	**50**	**50**			**100**
M.Com					
Dec -15(I Sem)	**44**	**52.27**	**45.54**	**4.5**	-	**98**
June-16(II sem)					
Dec -15(III Sem)	**47**	**20.45**	**59.1**	-	-	**80**
June-16(IV sem)					
MFA					
Dec -15(I Sem)	**39**	**15.38**	**76.9**		-	**92**
June-16(II sem)					
Dec -15(III Sem)	**39**	**35.9**	**56.41**			**92**
June-16(IV sem)					
MA (Eco)					
Dec -15(I Sem)	**8**	**62.5**	**37.5**	-	-	**100**
June-16(II sem)					
Dec -15(III Sem)					
June-16(IV sem)					

MA (Eng)						
Dec -15(I Sem)	**6**	**16.6**	**83.3**			**100**
June-16(II sem)						
Dec -15(III Sem)						
June-16(IV sem)						
MIB						
Dec -15(I Sem)						
June-16(II sem)						
Dec -15(III Sem)	**8**	**37.5**	**25**		**-**	**63**
June-16(IV sem)						
M.Sc(Chem)						
Dec -15(I Sem)	**28**	**9.7**	**46.43**	**-**	**-**	**56**
June-16(II sem)						
Dec -15(III Sem)	**22**	**18.18**	**68.18**	**-**	**-**	**86**
June-16(IV sem)						
MTA						
Dec -15(I Sem)						
June-16(II sem)						
Dec -15(III Sem)						
June-16(IV sem)						

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

IQAC conceives and implements quality sustaining& quality promoting initiatives in all activities of the college thereby internalizing a quality culture. Teaching-Learning process is predominantly student centric.

- IQAC initiates the process of Curriculum Action Planning and Implementation for the Academic Year by guiding the Curriculum Action Planning and Implementation Committee(CAPIC) towards planning, monitoring and ensuring quality in student, teacher evaluation and CIA.
- Quality parameters specified by NAAC from time to time is communicated to departments which helps in setting departmental objectives and formulating plan of action. Subject teachers prepare course file for the respective subjects which includes teaching plan, methodology, teaching material, assessment plan, action plan for slow learners and fast learners, result analysis, &review by self& others. Work diary records the execution of plan. Academic audit is done finally by IQAC.
- Ensures regular analysis of student and faculty feedback& implementation of the valid suggestions/inputs from feedback to enhance teaching –learning process.
- Staff development programmes seeks to ensure that teaching staff have the necessary skills& up to date knowledge to deliver high quality teaching.
- Training programmes are regularly organised for both teaching and non teaching staff to enhance their functional efficiency

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	90
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	52		2	
Technical Staff	5	1	2	

Criterion – III

3.Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Under the guidance of IQAC and Research Advisory Committee initiatives are taken toenhance Research interest in

- **Students** by involving them in field projects, Case Studies, Internships, Preparing them for Competitive Exams like UGC-CSIR NET and Encouraging them to involve in Projects from SPICE, KSCST under the guidance of facultymembers of DSDR & in writing Research Articles.

- **Faculty members** by giving them opportunities in writing Major ResearchProposals under UGC and While being in the Institute are encouraged to pursue Advanced Research Degrees.

2. Initiatives for conducting National Seminars across the departments

National Seminars/Conferences

Department	Theme of National Seminars/Conferences
Mathematics	Workshop on Fourier Series, Fourier Transforms & Applications
Life Science	National Science Day Celebrations in association with Karnataka Association for Advancement of Science
Life Science	Confluence-2015

3. Communication regarding seminars, conferences in other institutes to Faculty members &Students to promote their active participation in them in order to advance their knowledge in specific domains

4. External resource persons from industries and research institutes are invited by different departments to sensitize teachers and students for research activities.

5. Communicating information to students related to admissions to MPhil, PhD programs; funded research projects under UGC & other bodies

6. Student Support initiatives: Inviting Researchers of eminence from reputed Institutions like IISc, NCBS, JNCASR, CCMB, CFTRI as resource persons thereby providing opportunities to interact with them for further research interests, Internships in Industry, Summer Research Projects

7. Faculty orientation programs are organized to help them applying for research grants to different funding agencies and Providing Seed Grants to build on their pilot work.

8. Provisions are made to equip labs with required chemicals, equipments/instruments and enhance the number of research oriented journals in the library to facilitate student research

9. Supporting the continued execution of the existing projects – Major Research Project and Minor Research Projects.

10. Encourages faculty members
   - to pursue advanced research degrees such as M.Phil.,Ph.D
   - to participate in Industry-Institution interactive programs
   - to attend FDPs, seminars, conferences on OOD basis

11. Introduction of non-curricular in house projects for Under Graduate students.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1		
Outlay in Rs. Lakhs		30		

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	10	1(2016)	
Outlay in Rs. Lakhs	4.5	8.73	10,000	

3.4   Details on research publications

	International	National	Others
Peer Review Journals	25	7	
Non-Peer Review Journals		1	
e-Journals	1	3	
Conference proceedings	16		

3.5 Details on Impact factor of publications:

Range 0.4-3.014   Average 3.83   h-index 7.36   Nos. in SCOPUS 7

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2015-16	UGC	1,85,000	1,35,000
Interdisciplinary Projects				
Industry sponsored	2015-16	Grindwell Norton private ltd., Blr	20,000	20,000
Projects sponsored by the University/ College	05	IADC	26,000	26,000
Students research projects *(other than compulsory by the University)*	2015	VGST	30,000	30,000
	2016	KSCST	30,000	30,000
Any other(Specify)	Non curricular student project(2015-16)		17,500	17,500
Total			2,82,500	2,32,500

3.7 No. of books published   i) With ISBN No.   6   Chapters in Edited Books   1

ii) Without ISBN No.   1

3.8 No. of University Departments receiving funds from

UGC-SAP ☐   CAS ☐   DST-FIST   l

DPE ☐   DBT Scheme/funds ☐

3.9 For colleges   Autonomy ☐   CPE ☐   DBT Star Scheme ☐

INSPIRE   √   CE ☐   Any   Other (specify) ☐

3.10 Revenue generated through consultancy   Nil

3.11No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		1	1		
Sponsoring agencies		One seminar Partially Sponsored by DBT,	One seminar by Karnataka Association for Advancement of Science and Indian Academy		

		Gov. of India & Indian Academy Education Trust.	Education Trust.		

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International [ ] National [1] Any other [ ]

3.14 No. of linkages created during this year [4]

3.15 Total budget for research for current year in lakhs : [6,47,500]

From Funding agency   From Management [8]   of University/College [ ]

Total [ ]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
2		1				1

3.18 No. of faculty from the Institution
who are Ph.D.Guides
and students registered under them   [03]

[ ]

3.19 No. of Ph.D. awarded by faculty from the Institution   [ ]

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF [ ]   SRF [ ]   Project Fellows [ ]   Any other [ ]

3.21 No. of students Participated in NSS events:

University level   03   State level   03

National level   [ ]   International level   [ ]

3.22 No.of students participated in NCC events:

University level   [ ]   State level   02

National level   02   International level   [ ]

3.23 No. of Awards won in NSS:

University level   [ ]   State level   [ ]

National level   [ ]   International level   [ ]

3.24 No. of Awards won in NCC:

University level   [ ]   State level   [ ]

National level   [ ]   International level   [ ]

Unit Level   03

3.25 No. of Extension activities organized

University forum   [ ]   College forum   19

NCC   [ ]   NSS   [ ]   Any other   04

3.26Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Computer literacy program for Hennur Govt. model high school students.
- AIDS awareness drive along with Siddharath School Kothanur, Bangalore
- Humanities Department conducted classes on Basic English Grammar, Kannada Poems and Historical Places for the students of Government Primary School, Chellikere, on 25th June, 2015 to 29th June, 2015.
- On 13th August, 2015, Organ Donation Day was observed to spread awareness about the Value and Importance of donating Organs.
- Celebrated Gandhi Jayanthi by organizing various events.
- On 25th January, 2016,various events were conducted to spread awareness about the value and Importance of Right to Vote to commemorate National Voter's Day
- on 12th February Yuvtarang 2016 Food Fest was organized and the proceedings were donated to Infant Jesus children home.
- Visit to Refugee foundation & Little Sisters for the poor.
- Visit to Government School for Literacy Awareness Program.
- Observation of World Population Day
- Observation of World Merit Day
- Awareness talk on "Communicable Diseases"
- Fire Drill and Life Saving Measures
- Observation of International Literary Day
- Observation of International Peace Day
- Observation of National Integration day
- Observation of World Aids Awareness Day
- Adoption of Animal (Indian Gazelle) @ Mysore Zoo for 2016-17
- Visit to All India Centre for Physically Disabled

Criterion – IV
4.Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area			Fees Collected, SOD, Term loan	
Class rooms	55			55
Laboratories	20			20
Seminar Halls	2			02
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	32.41	12.53		44.94
Others				

4.2 Computerization of administration and library

Administration
1. E-Governance through Knowledge pro software systems in the process of Admission, Accounts, Examination, Evaluation, Fee Collection, Student and Faculty details
2. Wi-Fi Enabled Campus
3. ICT enabled classrooms

Library & Information Centre:
1. In/Out Register Software
2. Availability of OPAC
3. DELNET, INFLIBNET, EASYLIB software are accessible to staff and students within the Campus.
4. Bar-Coded Library IDs available
5. Teacher Console software to monitor the browsing behaviour of users on computer Systems
6. SMS alerts/reminder service for borrowers
7. Digital database DSpace incorporated
8. NPTEL lecture content management
9. Off-Campus access to Digital Library through College Website
10. Availability of e-Library facility

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	28,308	67,55,702	2,000	6,44,449	30,308	74,00,151
Reference Books	3,497	17,48,500	207	1,03,500	3,704	18,52,000
e-Books	50,000					
Journals	65	10,00,000	10	40,000	75	1,40,000
e-Journals	1,00,000					
Digital Database	10	80,000	03	8,000	13	88,000
CD & Video	750	35,000	61	15,000	811	50,000
Others (specify)			58	5,000	58	5,000

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	255	5(149)	All	6(169)	6(169)	21	65	
Added	30							30
Total	285	5(149)		6(169)	6(169)	21	65	30

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Wi-Fi Enabled Campus
- ICT enabled classrooms
- Knowledge Pro- Office Automation Software
- Students registering for MOOCs in Coursera
- Cloud technology for sharing resources
- Language lab for enhancing English language skills in students

4.6 Amount spent on maintenance in lakhs :

i) ICT   7,33,500

ii) Campus Infrastructure and facilities   2,05,500

iii) Equipments   1,21,000

iv) Others

Total :   10,60,000

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Students are briefed about the Student Support Services during Orientation programs & student handbooks which are issued during orientation carry these details.
- College prospectus & student corner in the College website highlights student support services Feedback on student support services.
- Feedback on student support services are regularly done& analysed. The suggestions are communicated to Head of the Institution.
- Any enhancements in services, respective departments/ units inform students through class circulars & notice board.
- During class teacher meetings with students & during mentoring, special needs of students are redressed.
- Student council members also disseminate information to the students on various support services.

5.2 Efforts made by the institution for tracking the progression

- Principal, HODs and subject Teachers counsel the students on options available in Higher Education and Career prospects in courses. They track the progression of students by continuous evaluation of their performance through periodical tests, assignments, Mid-semester and End-semester examinations. Mentors track the record of individual students by updating details of academic performance & progress in the mentor cards.
- IACPS maintains year-wise student data on the number of students placed against the number of students enrolled for Placements**.**

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
669	202	Nil	Nil

(b) No. of students outside the state

195

(c) No. of international students

54

No	%	Men
528	60	

No	%	Women
345	40	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
255	143	26	488	-	2626	776	422	78	1850	-	3126

Demand ratio   100% Dropout %UG & PG not exceeding 5%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The Indian Academy Centre for Professional Excellence is geared to bring more structured initiatives to offer support & guidance to students in preparing for such competitive exams in the future.
- IACPE is annexed to the College to organize coaching classes for students who show interest in appearing for professional examinations like CA-CPT, CA-IPCC, UGC- CSIR-NET, etc. Adequate resources in the form of study materials, question banks and preparation booklets for UGC-CSIR-NET, SLET, GMAT, CAT, GRE, TOEFL etc are available through the library in the College.
- Additionally, faculty members & alumni who are qualified and have taken these examinations in the past are also available for guidance through group interactions.
- Those who have qualified in the C.A. examinations are provided with coaching in IPCC levels.

No. of student beneficiaries

20

5.5 No. of students qualified in these examinations

NET		SLET		GATE		CAT	

IAS/IPS etc		State PSC		UPSC		Others	

5.6 Details of student counselling and career guidance

Academic Counselling: The class teacher, Mentors and HODs provide academic guidance & support to the students on a regular basis.

Personal Counselling: Mentor is the primary source of access to students for personal support. The students meet their mentors on a monthly basis.

Career Guidance: The College has an **active Centre for Student PlacementServices & a Centre for Professional Excellence** to spearhead the career guidance, competency building and placement activities. IACPS conducts preplacement training on **Preparation of Resumes, Interview-facing skills**, **Mock Interviews, Group Discussions etc**. **Guest lecturers that involve experts from industry enables students to acquire soft skills such as Interpersonal skills, Corporate Communication, Team-building skills, PersonalityDevelopment and other competencies**. IACPE takes initiatives to build competencies, skills and the employability of the students through its finishing school programme for the Final year students of all disciplines

No. of students benefitted

223

5.7Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
19	1196	223	1

5.8Details of gender sensitization programmes

- Guest lecture for UG students on gender sensitization during orientation programme

5.9Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level   2   National level   ☐   International level   ☐

No. of students participated in cultural events

State/ University level [　] National level [　] International level [　]

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level [　] National level [　] International level [　]

Cultural: State/ University level [　] National level [　] International level [　]

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	300	33,72,500
Financial support from government	189	25,20,179
Financial support from other sources	2	16,500
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level [　] National level [　] International level [　]

Exhibition: State/ University level [　] National level [　] International level [　]

5.12 No. of social initiatives undertaken by the students [40]

5.13 Major grievances of students (if any) redressed:

- In the year 2015 to2016 cases related to examination among 430 cases, 350 is resolved, It's about 96%.
- Grievances related to canteen regarding the quality of food. Quality of food is improved now.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

> **Vision**
> To offer Dominant, career oriented comprehensive education combined with Humanistic, Scientific and Social learning.
>
> **Mission**
> To provide cutting edge, career-oriented academic programs in a supportive and stimulating environment for the intellectual and ethical growth of a diverse student community, with an unwavering commitment to Excellence.

6.2 Does the Institution has a management Information System

> Yes.
>
> The Management Information System of the Institution includes
>
> - E-Governance through 'Knowledge-pro' software systems in the process of Admission, Accounts, Examination, Evaluation, Fee Collection, Student and Faculty details .
> - Financial Reports for Departmental & Institutional Budgets along with Annual Income/Expenditure Reports.
> - A student-centric approach towards teaching and learning ensures that student feedback on teaching methods and Teacher's observation on students learning abilities are collected, analyzed and shared with both the students and the teachers and appropriate remedial actions are initiated to further strengthen the Teaching-learning process. .
> - Knowledge Management System has introduced a module for online admission. Automated text messages will be used to create an instant communication method notifying students, parents and guardians on overall attendance percentage.
>
> - Evaluation of Internal Assessment is incorporated within the Exams and Exam Evaluation module. A students' portal has been introduced for students to view their attendance. A provision for students to give online feedback on faculty is now made available. A new module for hostel management has also been initiated.
> - Students Performance in semester-wise University Examinations is being analyzed. Corrective and preventive actions are discussed and new benchmarks are set in order to ensure continuous student progression.
> - Student Admissions are categorized based on program, gender, region, social class and educational background.
>
> The Institution has witnessed a positive a trend with the development of diversified admission criteria and is committed to creating a diverse student body. The admission procedure is fair and transparent.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- The Institution conducts department wise BOS meetings on review of curriculum for autonomy.
- Feedback from all the stakeholders was taken into consideration in redesigning the curriculum.
- Faculty members participate in workshop and syllabus revision sessions at University for the newly introduced subjects.
- Value added programs are offered by the departments to enhance students' skill set.
- Curriculum Action Plan Implementation Committee (CAPIC) monitors proper planning and implementation of curriculum aligning with well structured Calendar of Events.

6.3.2 Teaching and Learning

- The Institution is committed to give the best teaching-learning process to the students with continuous improvements.
- The college has faculty with strong academic credentials and rich experience in academics and industry with commitment and passion for teaching.
- At the beginning of the semester IQAC organizes Faculty Development Program orienting the faculty towards innovative methods of teaching, boosting morale & use of technology in teaching learning process.
- New Faculty members are inducted through Faculty Induction program which guides about the core values of the Institution and importance of their teaching role.
- Staff Colloquium is a platform for faculty members to discuss new ideas in academics, industry, research activities.
- Faculty members maintain well planned Course File / Lesson Plan which facilitates them for the timely delivery of syllabus.
- Regular one-to-one progress reviews between class teachers and learners through mentoring remain fundamental to improving punctuality, attendance, retention and achievement in students with different aptitude levels.
- Experiential learning through training by reputed Institutions like IISc ,IITB,GKVK, NCBS, virtual portfolio building for finance students, making of models and circuits, animated pictures and videos related to subject, etc.
- Bridge course and remedial classes for slow learners.

6.3.3 Examination and Evaluation

- Continuous student evaluation through Internal Tests, assignments, group discussions, presentations, interactive sessions.
- Internal marks are awarded as prescribed by University and the departments monitor Blue Book for transparency of internal marks.
- Examination Committee coordinates with departments, university section and support staff for smooth execution of examination.
- Examination Grievance Redressal committee addresses the internal evaluation grievances in consultation with concerned department. For grievances of university examination, the committee facilitates the redressal through application for revaluation.

6.3.4 Research and Development

- College is a recognized Research Centre in Life Sciences by Bangalore University which has approved Faculty Members for Ph.D Guideship.
- Creation of Institutional framework with recognitions by regulatory bodies (ex. UGC 12B, 2(f) status)
- Industry funded research by Grindwell Norton Ltd., in the area of Microbiology.
- College has obtained 1 major and 10 minor projects from funding agencies.
- Institution allocates separate budget for Research & Development activities
- Faculty involved in research of Nonmaterial, heat transfer in porous media, electronic instrumentation etc.
- Faculty Exchange Program: IADC and St.Joseph's College, Trichy had a Faculty Exchange Program on Systems Biology.
- Seed grants to faculty members to build on their pilot work and promotion of research.
- Faculty members are actively involved in research publications in National and International Journals with Impact Factor. And faculty members are pursuing Doctoral research.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library is equipped with good number of Books, national & international journals, magazines, newspapers spread over two floors.
- Customized working hours to suit user requirements (During exams & Preparatory holidays)
- The complete digitalization of library has been done to integrate ICT with Library resources.
- Digital library consortia like INFLIBNET,DELNET,J-GATE,SAGE,NPTEL, etc
- Membership with British Library for additional foreign resources.
- Facility of BRAILLE BOOKS for visually impaired students.
- Monitoring students' library hours through smart card integration.
- The Institution encourages the extensive use of ICT and computer-aided teaching/learning, video power points are extensively used during classes.
- **Wi-Fi** enabled campus facilitates usage of Google docs for sharing assignments & course content
- **Physical Infrastructure /Instrumentation:** The College has separate departments for maintenance and upkeep of infrastructure, facilities and equipment. Each department is manned with technically qualified people.
- All laboratories are equipped with advanced equipments like PC. LAF, Deep freezer etc.

6.3.6 Human Resource Management

- Institution has developed a culture of continuous learning by allocating significant resources for faculty training and support
- Each staff member has clearly defined roles & responsibilities which ensures smooth functioning of the system.
- Staff Grievance Redressal Cell addresses internal grievances and concerns of the staff members.

6.3.7 Faculty and Staff recruitment

- The Institution has a well structured recruitment process which ensures objectivity and quality staff – both teaching & administrative.
- The quality requirements and the academic credentials are decided as per the guidelines of the UGC and by preparing detailed Job Descriptions.
- Advertisements are placed in the college website, leading Newspapers and Job-portals to attract talent that suit specifications.
- Candidates are selected based on academic credentials, Classroom Demo, Interview sessions with selection committee consisting of experts & HOD's after which the selected/recommended candidates are offered Placement.
- We accommodate relevant guidelines for minorities and SC/ST reservations, as prescribed by the Regulatory Bodies, in all Recruitment policies.

6.3.8 Industry Interaction / Collaboration

- College encourages III (Industry-Institution Interface)
- IACPE networks with industry and arranges MOU with around 20 companies like Biozeen, Tally, which helps in designing Add-On Programs and student placements.
- College organizes training program for students at Raman Research Institute
- College organizes Guest Lectures by Chartered Accountants, Cost Accountants, Tax experts, Entrepreneurs, HR Managers , scientists etc.
- Final year students undergo Projects / Dissertations / Internships with leading companies.
- Industrial visits to enhance experiential learning.

6.3.9 Admission of Students

- Admissions are done by a separate Admissions Department manned by well qualified staff.
- Admissions process is merit based, transparent, giving equal opportunity & access to students.
- Pre-Admission counseling is undertaken to help the student identify and take the right course matching his/her interest and skill set.
- At PG Level admission are done as per seat matrix provided by University providing equal opportunities to all the categories like minorities, SC/ST background, sports achievers etc.
- Admissions are also done through Indian Council for Cultural Relations (ICCR), which brings in geographical diversity into the campus.
- Appropriate provisions are made with prescribed relaxations in the eligibility criteria to endure access to students belonging to less privileged sections of the society. As per provisions, it is ensured that at least a minimum number of students from each of the categories such as Minorities, SC-ST backgrounds; Sports Achievers, etc are given admission opportunities.
- College is registered with the leading education portal, Shiksha.com which connects education seekers with education, providing different platforms for the aspirants to search, understand and register for courses in Institutions.
- College makes sure for healthy gender balance in student composition. The online admission system enables opportunities to students across geographical boundaries. Students have online fee payment option through Banks and 'Paytm' portal.

6.4 Welfare schemes for

Teaching & Non teaching	• Annual Paid vacation to both teaching and non teaching staff • Partial/Full fee waiver to wards of employees • Subsidized housing & accommodation facilities for select categories • Group Insurance • Maternity and Paternity leave • ESI facility • Provident fund • Gift vouchers on important occasions • Emergency health care facility • Transport facility • Casual leave of 12 days • RO purified water & subsidized canteen facility.
Students	• Merit & Merit cum Means scholarships • Scholarships to Single Girl child • Fee waivers (in full & partial), free ships • Extended installments for fee payments • Group Insurance for all students • Counselling-Career, Personal and Psycho social • Access to first aid and emergency medical care • Free health camps for the benefits of students • Book bank schemes for SC/ST students • Cafeteria facilities at subsidized rates • Assistance in identifying housing facilities for international students • Wheel Chair, special Track, lift facility for physically challenged students

6.5 Total corpus fund generated

26, 52, 55, 090

6.6 Whether annual financial audit has been done   Yes ✓   No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	LIC,TUV Rheinland(ISO)	Yes	MR,IQAC
Administrative	Yes	LIC,TUV Rheinland(ISO) Chartered Accountant	Yes	Chartered Accountant

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes ☐   No ☐

For PG Programmes   Yes ☐   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Minimum requirements in Student Attendance & Internal assessments as proposed by the Affiliating University are strictly adhered to.
- A separate Examination Committee liaisons with University in smooth conducting of External Examination.
- Examination Grievance Redressal Cell co-ordinates with University in resolving student issues related to examinations, tabulation sheets & transcripts.
- Internal assessment of candidates are done through Continuous Internal Assessment (CIA) i.e. assignments, Mid-Term & Preparatory Examinations. All CIA marks are entered into Knowledge Pro, available on the college website, which a student can access through his/her login ID ensures transparency in the system.
- OMR answering system has been introduced by the University for some Non-core Papers.
- As students are prohibited from wearing wrist watches / electronic gadgets in the Exam Halls, Exam Rooms are fixed with Wall Clocks for students to monitor & manage time. Exam Rooms are also fixed with CCTV camera for better monitoring.
- Exam Cell supports the students in applying for Photocopy of evaluated answer scripts and Revaluation

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- Being an affiliated college, support and guidance is required from the University in each and every step towards Autonomy. The College, established in 1994-95 has registered a spectacular growth over the years both in terms of number of student enrolments and in terms of the quality of academic operations.
- Indian Academy Degree College is one of the premier academic institutions offering an array of UG and PG courses in multiple disciplines with close 3000 students on its rolls. IADC is Permanently Affiliated to Bangalore University. Its consistent growth marked by impressive numbers of student enrolments and high-quality academic delivery and long-standing affiliation with the Bangalore University has enabled the College to achieve 2(f) and 12(B) status under UGC Act and a recognized research centre for Life Sciences.
- The Institution successfully undergone NAAC second cycle of Re-accreditation and is awarded 'A Grade' with CGPA of 3.27.
- As a culmination of all these activities and in the process of obtaining autonomy, the University Autonomy LIC inspected the College and recommended the Institution for Autonomy.

6.11 Activities and support from the Alumni Association

- The College has a fully functional registered Alumni Association in the form of Indian Academy Alumni Association (IAAA). It serves as a focal point and networking platform among alumni.
- The Alumni of the Institution are actively engaged in giving latest industry developments and feedback on curriculum which helps the college in initiating value added programs
- During the visits by NAAC peer team and LIC alumni participates during the interaction sessions.
- Networking with Alumni also helps in conducting workshops, extracurricular and co-curricular activities and guest lectures.
- The alumni also actively participate in initiating and conducting community development activities
- The alumni who occupy key positions in the industry help us in interfacing their organizations in campus placement activities and competency- building

6.12 Activities and support from the Parent – Teacher Association

- Parent-Teacher association gives feedback on the issues pertaining to students and helps the management to take corrective action.
- Members of the parent teacher association take part in all the functions/ activities of the college
- Parents' interaction with external regulatory bodies like NAAC, LIC on Autonomy has created a positive impact.

6.13 Development programmes for support staff

- Basic computer training program for support staff
- Training of calibration of equipments
- Health checkup camp for employees organized by Women's Cell

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Harmful chemicals are disposed properly as per environmental guidelines in covered bins.
- Reactions generating smell and fumes/explosive are conducted in fume cupboard equipped with high voltage exhaust fan.
- All hazardous and corrosive chemicals are stored safely in fume cupboard
- Liquid chemical wastes are disposed in separate bins
- Minimization of paper use by using ICT facilities and Google docs
- Awareness on conservation of electricity and water
- NSS organizes Plant sapling from faculty and students in and around the Institution.
- College has state of the art rain harvesting facility.
- College observes 'Green Day' where staff and students do not come in their private vehicles, but instead use public transport system.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Teaching in IADC is highly effective as the Faculty members facilitate

- cooperation among students
- prepare the students for diversity and cross-cultural interaction
- cultivate knowledge creation
- promote active engagement inside and outside the classroom.

The Institution encourages higher order skills of creative thinking, application and creative problem solving through multi-various activities such as workshops, weekly departmental co-curricular competitions, inter-departmental competitions and value-added programmes through well planned activities in the departmental and college calendar.

Poetic corner is one such innovation that encourages and grooms the creativity of students and serves as an avenue for their ingenious expression.

Exhibitions conducted at the department level have enabled the students with the power to collaborate and learn through experience in the making of models and projects. Their expertise reaches greater levels as they exhibit their efforts as part of the exhibition.

Entrepreneurial skills of the students are stimulated through innovative and meaningful activities. These activities have inculcated a greater sense of social responsibility among the students as the profit earned through the entrepreneurial activities is diverted to social welfare.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of Action	Achievement
To organize State Level or National Level IQAC Seminar	A State level Seminar on "Quality Enhancement and Sustenance in HEI – A Post-Accreditation Scenario" was organized on 29th February 2016
To organize programmes towards preparation for Autonomy	Organized Seminars, FDP as a ground work in the direction of Autonomy Visits to renowned Autonomous Institutions
To organize seminars, workshops, FDPs and community extension activities in departments	HOD meeting held with IQAC and the requirements are communicated, which resulted in accommodating the quality initiatives in the departmental calendar and

	subsequent implementation.
Recommendation for 🔸 Status of Autonomy 🔸 Financial Support through Single Girl Child Scholarship 🔸 Celebration of International Yoga Day 🔸 Enhance the number of MOUs 🔸 Annual Academic Audit 🔸 Creation of Institutional email ids for staff members 🔸 Augmenting KMS with additional modules 🔸 Display of Signage boards	🔸 The college has submitted the application and the first inspection from the parent university is successfully completed 🔸 Single girl child scholarship was implemented from the year 2016 🔸 International Yoga Day was celebrated on 20th June 2015 🔸 The number of MOUs have increased from 15 to 22 🔸 Annual Academic Audit was organized on 4th February 2016 🔸 Faculty members were provided with official email ids 🔸 New modules were introduced 🔸 Signage boards were printed and displayed throughout the campus
Orientation programme for all UG & PG students	Three day orientation programme was organized for the students across streams
To encourage Faculty and Student Participation in Seminars/Conferences in Themes related to their respective domain and Quality in HE	Members of Faculty and students partipated and Present Papers in various National and International Conferences

Capacity building sessions for teaching/non-teaching staff.	Organized
	
	• Three Day FDP – 'Srujana-2015' on Team work, art of doing creative research, breaking Silos and teaching as a performing art.
	• Workshops / Training Programme / FDP on
	    🔸 Workshop on Fourier Series, Fourier Transforms & Applications for students
	    🔸 "Enhance your Efficiency" for administrative staff
	    🔸 FDP on Autonomy for Teaching staff
	    🔸 Knowledge Pro training for lab assistants
	    🔸 Lecture on "Oral Cancer – Causes and Preventive measures" for the house-keeping staff

Leadership training programme for Student Council members	Student leadership training programme "Step-up" for student council members
To arrange for stake holder feedback	Student feedback on Curriculum, teaching-learning and student support services, Alumni feedback on curriculum on 8th November 2014, Parental feedback on curriculum,

	Employer feedback on curriculum through Training and Placement Cell

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

Best Practice I : **Annual Academic Audit (AAA)** – Quality Assessment and Continuous Improvement through Self-Study and Peer-Review

Best Practice II : Ethics in Practice – Manifestation of **Institutional Social Responsibility** and **Department Social Responsibility** in terms of Social Performance

(Refer Annexure III for Details)

*Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

- Observing "Energy Conservation Day" on second Saturday of every month

- Green Audit to monitor the energy consumption and offer suggestions based on the objectives
- Solid waste is collected, segregated and composted in the facilities available in the campus. Faculty members, students, administrative and housekeeping staff are oriented in the process
- Planting and nurturing saplings of biofuel and avenue plants in and around the college on a regular basis
- A well defined rain water harvesting system is set up in the premises and is functional.

7.5 Whether environmental audit was conducted? Yes ✓ No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

<u>Strengths:</u>

- The College is Permanently Affiliated College of Bangalore University, also recognised with UGC 12(B) and 2(f) status.
- The College has also undergone three cycles of ISO 9001:2008 certification and two cycles of assessment and re-accreditation by NAAC and was awarded with A Grade and a CGPA of 3.27 in the second cycle.
- A recognised Research centre for Life Sciences is established.
- The College has well-diversified faculty and students' strength. The College is a home of learning for diversified classes of the society from International students from ICCR to students from socially and economically weaker sections of the society.
- The College has initiated a large number of institutional scholarships in merit and merit-cum means categories with community participation. As the whole campus is under Wi-Fi connectivity, ICT is intensively used in the teaching-learning process.
- The College has been offering many Value-added courses and Skill development courses to students to promote functional knowledge and application skills to increase students' academic progression and employability.
- The College has put a lot of thrust on Research and Consultancy. Within six months of having got 12(B) status, the College has been **awarded 11 research projects by the UGC** and 2 SPICE projects. Besides, the College has **secured one major research project funded by VGST, Govt. Karnataka**.
- Many new courses are introduced and infrastructure is upgraded. Experienced and qualified teaching fraternity with more no.of Ph.Ds. The college had also applied for the status of Autonomy. The Parent University and UGC have already visited the campus and the college is conferred with the status of Autonomy for a period of 6 years from the Academic year 2016-17 to 2021-22.

Weakness

The College is focusing and moving in the direction of becoming Internationally competitive. In order to sustain as a world-class Institution, new programmes including collaborative and twinning programmes need to introduced in the Institution. A greater level of flexibility can be exercised with the status of autonomy in the years to come. Being granted with the status of autonomy is a major milestone in the journey of the Institution. The vision is to achieve the level of academic freedom that automatically elevates the status to an Institution of international repute.

Opportunities

The growth in terms of the number of MOUs with Industries is progressive. This can be strengthened further in order to benefit the student community through an increased number of internships, projects and job opportunities. This approach continues to build the careers of students. The quality and reputation of the external experts visiting the campus to address the students on the recent developments in their areas of expertise is of superior quality. This trend needs to continue and should get better. The Placement and Training division is working towards building better careers for students which may be reinforced through a well-knit Alumni association. The Alumni network may be strengthened further to reap maximum benefit in the academic initiatives right from curriculum revision to student progression.

Challenges

In order to become globally competitive, the Institution has to strive towards expansion and operate as a knowledge hub. Technology may be used to enhance collaboration with Industries and Institutions for knowledge sharing intended for both the students and the teaching fraternity. The mode of assessment may be empowered with assessments based on creative thinking skills. The college has overcome this challenge to a major extent by maintaining international standards in terms of diversity and cross-cultural interaction. The concept of Continuous Internal Assessments have improved the performance of the students in terms of Creative and Analytical thinking. This has certainly enhanced student performance and groomed them into global citizens.

8. Plans of institution for next year

- Effective implementation of Autonomous system for the first and second years
- Strengthening Ph.D. Registrations in the department of Life Sciences
- Research Initiatives in the department of Commerce and Management
- Improving the infrastructure facilities & maximize the availability of space to academic activities
- Introducing new value added programmes for developing competencies and professional skills

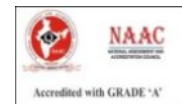Name _Ms. Sangeetha Annie George_

Signature of the Coordinator, IQAC

Name _DR. E. JEROME XAVIER_

Signature of the Chairperson, IQAC

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ACADEMIC CALENDAR

INDIANACADEMY
Degree College

Calendar of Events June 2015 - May 2016

Sl. No	NAME OF THE EVENT	DATE
	JUNE	
1	Staff Induction Programme	03.06.2015 Wednesday
2	World Environment Day	05.06.2015 Friday
3	Yoga Day-Special Programme for staff	20.06.2015 Saturday
4	Commencement of Classes for III and V semester UG courses-Orientation for Final Year Students	22.06.2015 Monday
5	Orientation for Second Year Students	23.06.2015 Tuesday
6	Faculty Development Programme	25-06-2015 Thursday to 26-06-2015 Friday
7	Faculty Retreat -at a Resort	27.06.15 Saturday
	JULY	
8	Inauguration of Academic Year for I Years	01-07-2015 Wednesday
9	Election of Class Representatives	09-07-2015 Thursday
10	Election of Student Council-by Class Representative	10-07-2015 Friday
11	Students Investiture Ceremony	11-07-2015 Saturday

	Fresher's Week	
12	Dept. of Computer Science	13-07-2015 Monday
13	Dept. of Humanities	14-07-2015 Tuesday
14	Dept. of Management Studies Fresher's Day & Last Date For Paying II & III year Tuition Fees	15-07-2015 Wednesday
15	Dept. of Commerce	16-07-2015 Thursday
16	Dept. of Physical & Life Sciences	17-07-2015 Friday
17	Ramzan (Holiday)	18-07-2015 Saturday
18	Literature Day -Dept. of English	23-07-2015 Thursday
19	BhashaUtsav- Dept. of Kannada & Hindi	29-07-2015 Wednesday
AUGUST		
20	Spectrum Annual Intra Collegiate Fest Off Stage Events	13-08-2015 Thursday
21	Spectrum Onstage Activities	14-08-2015 Friday
22	Independence Day (Flag Hoisting)	15-08-2015 Saturday
23	Mid Semester Examinations	21-08-2015 Friday to 27-08-2015 Thursday
24	VaramahalakshmiPooja (Holiday)	28-08-2015 Friday
25	Founder's day	30-8-2015 Sunday
SEPTEMBER		
26	Teacher's Day	05-09-2015 Saturday

	Co-Curricular Activities Week	
27	Dept. of Humanities	07-09-2015 Monday
28	Dept. of Sciences	08-09-2015 Tuesday
29	Dept. of Commerce	09-09-2015 Wednesday
30	Dept. of Computer Science	10-09-2015 Thursday
31	Dept. of Management	11-09-2015 Friday
32	GaneshaChaturthi (Holiday)	17-09-2015 Thursday
33	Bakrid (Holiday)	25-09-2015 Friday
34	World Tourism Day (Holiday)	27-09-2015 Sunday
OCTOBER		
35	Gandhi Jayanthi (Holiday)	02-10-2015 Friday
36	End Semester Examinations	03-10-2015 Saturday to 10-10-2015 Saturday
37	MahalayaAmavasya (Holiday)	12-10-2015 Monday
38	AyudhaPooja (Holiday)	22-10-2015 Thursday
39	Vijayadashami (Holiday)	23-10-2015 Friday
40	Muharam (Holiday)	24-10-2015 Saturday
41	ValmikiJayanti (Working Day)	27-10-2015 Tuesday
42	Commencement of Bangalore University Examinations	28-10-2015 Wednesday

	NOVEMBER	
43	Karnataka Rajyotsava (Holiday)	01-11-2015 Sunday
44	Diwali (Holidays)	10-11-2015 Tuesday to 12-11-2015 Thursday
45	KanakadasaJayanthi (Working Day)	28-11-2015 Saturday
	DECEMBER	
46	World AIDS Day	01-12-2015 Tuesday
47	Commencement of Classes for II , IV and VI semester UG courses	14-12-2015 Monday
48	Annual Sports Meet	19-12-2015 Saturday
49	Id-Meelad (Holiday)	24-12-2015 Thursday
50	Christmas (Holiday)	25-12-2015 Friday
	JANUARY	
51	New Year Day (Holiday)	01-01-2016 Friday
52	"INSPIRE" - Programme	05-01-2016 Tuesday to 09-01-2016 Saturday
53	National Youth Day (Birthday of Swami Vivekananda)	12-01-2016 Tuesday
54	MakaraSankranthi (Holiday)	15-01-2016 Friday
55	Republic Day (Flag Hoisting)	26-01-2016 Tuesday
56	Yuvatarang (Annual Inter-Collegiate Cultural Fest)	30-01-2016 Saturday

	FEBRUARY	
57	Mid Semester Examinations	01-02-2016 Monday to 06-02-2016 Saturday
58	World Cancer Day	04-02-2016 Thursday
59	Mahashivarathiri (Holiday)	26-02-2016 Friday
60	National Science Day	28-02-2016 Sunday
61	Celebration of National Science Day	29-02-2016 Monday
	MARCH	
62	International Women's Day	08-03-2016 Tuesday
63	Annual Day	17-03-2016 Thursday
64	Graduation Day	18-03-2016 Friday
65	International Students' Day	19-03-2016 Saturday
66	World Water Day	22-03-2016 Tuesday
67	Good Friday (Holiday)	25-03-2016 Friday
68	End Semester Examinations	28-03-2016 Monday to 05-04-2016 Tuesday
	APRIL	
69	Ugadi (Holiday)	08-04-2016 Friday
70	Dr. AmbedkarJayanthi (Holiday)	14-04-2016 Thursday

71	MahaveerJayanthi (Holiday)	19-04-2016 Tuesday
72	Earth Day	22.04.2016 Friday
MAY		
73	May Day (Holiday)	01-05-2016 Sunday
74	World Red Cross Day (Holiday)	08-05-2016 Sunday
75	Anti-Terrorism Day	21-05-2016 Saturday
76	World Anti-Tobacco & No-Smoking	31-05-2016 Tuesday

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INDIAN ACADEMY

Bangalore

NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL

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STUDENT FEED BACK ANALYSIS REPORT - MAY 2016

Name Of The Faculty :

Department Name : Computer Science

Sl. No.	Assessment Criteria	Computer Graphics		Web Programming Lab		Cumulative
		6 BCA A	6 BCA B	6 BCA A	6 BCA B	
1	Clarity & Knowledge	97.5	97.5	97.23	97.23	97.37
2	Teaching Methodology	97.5	97.5	97.54	97.54	97.52
3	Effective communication	95.63	95.63	96	96	95.81
4	Punctuality	97.81	97.81	96.92	96.92	97.37
5	Interaction with students	95	95	96.62	96.62	95.81
6	In creating more interest in the subject	95.94	95.94	96.92	96.92	96.43
7	Impartiality/ Unbiased	92.19	92.19	92.31	92.31	92.25
8	Approachability	95.31	95.31	93.23	93.23	94.27
9	Updated with current knowledge on the subject	94.06	94.06	96	96	95.03
10	Mentoring Ability	96.56	96.56	95.08	95.08	95.82
11	Ability in controlling the class	96.56	96.56	97.85	97.85	97.2
	Overall Rating	95.82	95.82	95.97	95.97	95.9

BEST PRACTICES

BEST PRACTICE I

Title

Annual Academic Audit (AAA) – Quality Assessment and Continuous Improvement through Self-Study and Peer-Review

Context

Academic departments are the backbone of an Institution. The key functions of the College are carried out in the academic departments. An academic audit reviews the processes and procedures used by Departments to enhance the quality of their programmes. Departments are required to have processes that guarantee quality in teaching and learning they provide to students. Standards for student achievement are set and processes are in vogue to implement policies directed to these ends. Academic audits focus on strategies that a department uses to assure quality education. Good strategies are not sufficient on their own and need to be complemented by an enabling environment. Resources and efficiency of their utilization are fundamental issues in provision of quality education.

Objective

The main objective of an academic audit is to ascertain the presence and adequacy of quality assurance procedures, their applicability and effectiveness in guaranteeing quality of inputs, processes and outputs.

AAA is a peer review process that emphasizes self reflection and self improvement apart from compliance with predetermined standards. The purpose of an academic audit is to encourage departments or programs to evaluate their education quality processes – the key faculty activities required to produce, assure, and regularly improve the quality of teaching and learning. An academic audit asks how faculty approach educational decision-making and how they organize their work, using the resources available to them and working collegially to provide a quality education in the best interests of the discipline and student learning.

Practice

While there is no hidden agenda to approach the Academic Audit process, the Academic Audit openly advocates the following underlying quality principles as foundations of good educational practice.

The Quality Principles of AAA being

- Define quality in terms of the learning objectives
- Focus on process
- Work collaboratively
- Base decisions on evidence

- Strive for coherence
- Learn from best practice
- Make continuous improvement a top priority

The Academic Departments conduct a Self Study on the focal areas namely learning objectives of the Academic Programme, Review of curriculum and co-curricular activities, designing teaching and learning methods, developing student learning assessment and assuring the implementation of Quality Education. The Internal Academic Audit is a peer-review process that is executed internally by trained internal faculty members who receive training on education quality processes and audit methodology. The AAA teams with Expert Academic Auditors from reputed Institutions visit and conduct the AAA. The departments are given the opportunity to nominate up to two peers for service on the academic auditor review team. As the auditors focus on quality processes, they do not have to come from the academic discipline of the department being audited though the Academic Audit Cell strives to have at least one faculty from the discipline or a closely aligned discipline on each auditor team. Audit visits are typically one day. Auditors meet with departmental leadership, faculty, students and other stakeholders. Auditors write a report highlighting examples of exemplary practice, noting areas for improvement and evaluating a department's approach to educational quality practices.

Evidence of Success

The purpose of academic audit is not judgmental but to cause development to happen. The auditors produce a report that describes the strengths and weaknesses of the departments' efforts to improve academic quality of their programmes and identify plans for improvements. The main components of the report being Commendations of good practice, Affirmations which recognize improvements the department is already making and Recommendations for improvement. The audit report is made available to the department which in turn responds to the issues raised in the report. The response of the academic department is part of the final audit report. This procedure has ensured that the academic departments sustain and enhance quality and continuous improvement is of top priority.

Problems Encountered

With the guidance and support received from the management along with accurate planning and execution of the AAA by the Annual Audit Committee, the probability of problems or errors is nil.

Resources

The AAA is a faculty-centered methodology that supports institutional effectiveness expectations. It is a thoroughly documented process that meets the requirements for Quality Assurance and it sustains and enhances continuous quality improvement of teaching and learning. The Internally Trained Auditors, Academic Experts from Institutions of repute, highly effective and fully functional Academic Departments and an active Academic Audit Cell that co-ordinates the AAA are the major resources for the Quality sustenance and enhancement in Education through AAA.

Title

Ethics in Practice – Manifestation of Institutional Social Responsibility and Department Social Responsibility in terms of Social Performance

Context

Higher education is in the unique position of being the sector where the various demands are integrated. While the Institutions' reputations continue to be determined by internal, disciplinary values and scholarly attainment, they are also intimately associated in official thinking with the appropriateness of the services rendered to the community. Today, a greater weightage is placed upon the commitment to community service in terms of providing training and research, investigation and advice, as well as such services as consultancies, technology transfer, lifelong learning and continuing education. Indian Academy Degree College (IADC) plays a broader and more visible role in the educational, social and economic well-being of local communities and the nation. We acknowledge that Higher Education Institutions have a public mission. IADC renders services that are beneficial to the wider society. The reaching out to communities and the taking on of civic responsibilities conforms to a trend to design higher education policies in ways that make teaching and research more publicly accountable and relevant to society.

Objective

The objective of Manifesting Institutional Social Responsibility and Department Social Responsibility is to involve the students in constructive service. The Young learners of the Institution have opportunities to participate in civic life through volunteerism, community service and service-learning. They often set up interest foray and discussion groups to exchange ideas and inspire each other to take action in their respective communities. The students have a right, as well as obligation to participate actively in national development and in shaping the destiny of the nation which is the point of fact, their own destiny.

 IADC aims at academic expansion and personality development of the students through community service and gain insights into new thinking and innovations in development and social change practice, develop vision and leadership approaches which lead to innovation and social change, integrate new analysis and strategies into education and organizing for development and social change, enhance performance in areas such as gender equality, disability, human rights and the environment, contribute to campaigns for changes in social policy and practices, connect with regional and transnational networks working toward development and social change. It inculcates the group living and sharing, leadership qualities and democratic attitude and develops the capacity to meet emergencies and natural disasters and promotes national integration and social harmony.

Practice

The Institution expresses a strategic commitment to genuine community engagement, societal relevance and education and social responsibility as a core principle. IADC has a dedicated wing to plan and execute the activities pertaining to ISR under the flagship of faculty

coordinators.This has been a major motivation for the Students to volunteer and support activities of social interest. They help in a wide range of activities right from tree plantation to waste management. The student engagement is welfare-oriented, based on the assumption that community needs knowledge and expertise that students bring. The secondgeneral purpose in these engagements is the students' learning about the local realities through volunteering of their time and efforts, periodically. The core purpose of such community engagement is to serve mutually agreed interests of both communities and institutions. This implies that the partnership is mutually beneficial, and based on give and take by both. Its translation in practice has entailed recognition of authentic and actionable knowledge that communities have, which institutions have learnt from; and empirical and theoretical knowledge of a macro nature that institutions have from which communities have benefitted. The thrust of this engagement is mutual empowerment, in the quest of supporting more democratic citizenship in the communities, amongst the students, and academics alike. The different volunteering programmes run by the Institution gives an opportunity to the students to engage in socially useful activities and thereby enhance their spirit of volunteerism.

Instituting the NCC, NSS and YRC in IADC is a concrete manifestation of Community Engagement.In this approach, students and teachers apply their knowledge and skills in a chosen community to improve the lives of people in that community. This has been achieved through adoption of schools and villages, and then providing engagement opportunities to students from various disciplines and courses to apply their knowledge to address the challenges of that specific community. Organization of rallies, surveys, camps, trainings, learning manuals, films, maps, study reports, public hearings, policy briefs, teaching and health services in poor communities are among the major activities planned and executed by the volunteering programmes and the departments of IADC. This has enriched the learning experience of the students and has grabbed the attention and interest of new generation students.

Evidence of Success

Proper guidance and support by the College has reinforced the ethical and social responsibilities of the students. In consultation with the Student Council and the departmental clubs, student initiated learning projects which have a social impact has been supported. Such social innovation projects by students have always had meaningful links to curriculum and courses. Community engagement is encouraged and is also reflected in the grades secured by the students who choose to engage in community based work and perform vital roles of public intellectual engagement especially for the Extra-Curricular activities. This scheme continues to encourage and leverage the dynamism and idealism of youth.

Problems Encountered

The well-framed and thoroughly thought out Calendar of Events of the ISR wing ensures a proactive model, in consideration with all possibilities and ascertains apposite execution thereby minimizing the chances of tribulations. However, given extra time, the wing can plan more activities of social relevance appropriately.

Resources

The considerate suggestions and extra-ordinary support received from the top management and active student participation under the guidance of motivated and dedicated Faculty members have undoubtedly been the most valuable resources in the planning and execution of the practice.