



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

1. Name of the Institution	INDIAN ACADEMY DEGREE COLLEGE - AUTONOMOUS
Name of the head of the Institution	Dr. E. Jerome Xavier
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08067458904
Mobile no.	9448252019
Registered Email	principal_iadc@indianacademy.edu.in
Alternate Email	ejeromexav@yahoo.co.in
Address	Hennur Cross, Hennur Main Road
City/Town	Bangalore
State/UT	Karnataka
Pincode	560043

<b>2. Institutional Status</b>																									
Autonomous Status (Provide date of Conformant of Autonomous Status)			17-Sep-2016																						
Type of Institution			Co-education																						
Location			Urban																						
Financial Status			private																						
Name of the IQAC co-ordinator/Director			Mrs. Sangeetha Annie George																						
Phone no/Alternate Phone no.			08067458934																						
Mobile no.			9886033478																						
Registered Email			iqac@indianacademy.edu.in																						
Alternate Email			principal_iadc@indianacademy.edu.in																						
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)			<a href="https://www.indianacademy.edu.in/wp-content/uploads/2020/12/AQAR-2018-19_report.pdf">https://www.indianacademy.edu.in/wp-content/uploads/2020/12/AQAR-2018-19_report.pdf</a>																						
<b>4. Whether Academic Calendar prepared during the year</b>			Yes																						
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="https://www.indianacademy.edu.in/current-students/academic-calendar/">https://www.indianacademy.edu.in/current-students/academic-calendar/</a>																						
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.09</td> <td>2009</td> <td>15-Jun-2009</td> <td>14-Jun-2014</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.27</td> <td>2016</td> <td>25-May-2016</td> <td>31-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.09	2009	15-Jun-2009	14-Jun-2014	2	A	3.27	2016	25-May-2016	31-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	A	3.09	2009	15-Jun-2009	14-Jun-2014																				
2	A	3.27	2016	25-May-2016	31-Dec-2021																				
<b>6. Date of Establishment of IQAC</b>			09-Sep-2009																						
<b>7. Internal Quality Assurance System</b>																									
<div> Quality initiatives by IQAC during the year for promoting quality culture </div>																									

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
PARAMARSH - UGC Scheme	01-Nov-2019 540	85
Received grant - PARAMARSH - UGC Scheme	07-Mar-2020 1	85
Sanctioned A-Grade upon review of Star College	01-Feb-2020 1	500
Bangalore University Ranks - Course - MTTM - Ranks	01-May-2020 1	3
Multi-various Training programmes as part of digital transformation	01-Mar-2020 5	100
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
STAR College Scheme	Star College status	DBT	2018 1095	8200000
UGC	PARAMARSH UGC Mentor-Mentee Programme	UGC	2019 547	3000000
DBT	DBT-SERB	DBT	2017 1095	2500000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

1. Rejuvenating Research Culture within the campus through a refined Research Policy 2. Mentoring 5 institutions towards first cycle of NAAC accreditation under the PARAMARSH UGC scheme 3. Review of STAR college Programme by DBT received AGrade 4. Ranking as an established part of Higher Education landscape 5. Digital Transformation initiatives

[View File](#)

**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Establishment of IPR Cell	IPR Cell was inaugurated on 18th September 2019 followed by a workshop
To rejuvenate research culture within the campus	The revised research policy focusses on research quality especially publishing papers in journals of international repute
To organise seminars/workshops/FDPs /conferences at the state/national/international level by collaborating with individual departments	A one-day seminar on "Innovations and Research in Physical Sciences" was organized by the department of physical sciences on 26th September 2019. As suggested in the meeting the alumni students had contributed the registration fee amount for those students from economically weaker sections of the society
To organise seminars/workshops/FDPs /conferences at the state/national/international level by collaborating with individual departments	One-Day workshop on Significance of IPR & Innovations in the Sphere of Sciences was held by the IPR cell on 18th September 2019
To organise seminars/workshops/FDPs /conferences at the state/national/international level by collaborating with individual departments	Inter-Collegiate event Explorica was held on 27th September 2019
To organise seminars/workshops/FDPs /conferences at the state/national/international level by collaborating with individual departments	Special Lecture Series on Advanced Trends in Physical Sciences organized by the department of Physical Sciences was held on 4th October 2019
To organise seminars/workshops/FDPs /conferences at the state/national/international level by collaborating with individual departments	Inter-departmental fests were conducted by all the departments in the 3rd and 4th week of September 2019
Programmes for teaching and non teaching staff	Faculty Induction Programme for the newly recruited staff members on 17th

	June 2019				
Programmes for teaching and non teaching staff	Annual FDP-SRUJANA 2019 on 11th and 12th of July 2019.The theme was 'Quality Initiatives in Assessment & Accreditation Process of NAAC's Revised Framework'				
Programmes for teaching and non teaching staff	One-Day workshop on Significance of IPR & Innovations in the Sphere of Sciences was held by the IPR cell on 18th September 2019				
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Governing Body</td> <td>16-Jun-2020</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing Body	16-Jun-2020
Name of Statutory Body	Meeting Date				
Governing Body	16-Jun-2020				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2020				
Date of Submission	09-Mar-2020				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>"Knowledge Pro" is the The ERP software package currently used by the institution which includes all the modules needed for academics as well as administration. The software helps in assessing and analysing continuous progression of students. The modules pertaining to academics help in the teaching learning process. The package includes quite a number of modules. A list of submodules is specified below:</p> <ol style="list-style-type: none"> <li>1. Biometric system for staff attendance entry</li> <li>2. Staff and students portal to view attendance, exam scores and notifications</li> <li>3. Separate login for parents to track student progress</li> <li>4. Instant SMS to parents on attendance percentage during classes and attendance status during examinations</li> <li>5. The conduct of autonomous</li> </ol>				

examination is streamlined through the software 6. Evaluation of Continuous Internal Assessment (CIA) is automated 7. The seating arrangement for both internal and autonomous examination is done through the software package 8. Automation of the of hall ticket generation is purely based on attendance criteria 9. Bar code system offers a fool proof mechanism in both the conduct of examination and evaluation of answer scripts 10. A separate module for hostel management enables smooth functioning of processes The ERP software package "Knowledge Pro" plays a key role in institutional progress.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MCom	MCM	PG Commerce	22/10/2019
MCom	MCM	PG Commerce	17/03/2020
MSc	MMB	Microbiology	19/10/2019
BSc	MIB	Microbiology	19/10/2019
MSc	MMB	Microbiology	16/03/2020
BSc	MIB	Microbiology	16/03/2020
BBA	BAM	Business Administration	11/04/2019
BSc	GEN	Genetics	16/03/2020
BSc	BIC	Biochemistry	06/03/2020
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Nill	Nil	Nill	Nil	Nill
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#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	Nil	Nil

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Personality Development	23/09/2019	154
Campus Recruitment Training	11/09/2019	486
"Advanced Java" Training Partner: ATS Global	03/02/2020	40
"PHP MySQL" Training Partner: Kenpro Learning Solutions Pvt. Ltd	03/02/2020	12
Image Building	11/09/2019	477
Digital marketing	05/12/2019	2
Bioprocess Engineering and Downstream Processing	18/01/2020	17
Basics of Mammalian Cell Culture, MTT Assay and Flow Cytometry	21/09/2019	18
Advanced Excel	05/12/2019	40
Tally - ERP	05/12/2019	10
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biochemistry	9
MSc	Biotechnology	10
MSc	Genetics	2
MCom	Commerce	50
MSc	Microbiology	36
BBA	Business Administration	150
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### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes
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1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

feedback is key tool which triggers in continuous improvement in the quality of education. All the courses are developed after analysing the stakeholders' curriculum feedback. Curriculum review and development is done regularly as per the requirement of academia, industry/profession and society and also to keep pace with developments in respective fields. For effective and continuous improvement in curriculum, results of outcome assessment and stakeholder's feedback serve as input. Feedback of students on faculty, infrastructure learning resources are also sought regularly for ensuring their satisfaction. The feedback is collected from the Undergraduate / Postgraduate students twice a year which is statistically analysed and shared with each and every faculty member by the Principal. Clarification is sought if needed, for quality enhancement in teaching methodology. Observations on general trends are also made. The Principal intervenes and addresses possible areas of improvement. The Principal also evaluates teachers, counselling on lacunae and motivating them to look at specific areas where growth is needed. Feedback from the parents are taken by interacting with them during Parent Teacher Meet. Feedback is taken from alumni for suggestions or improvements in the curriculum. Feedback from the final year students are taken for their suggestions in improving the curriculum and it is conveyed to the Chairperson, BOS of the respective programmes. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated in the Annual Planning for upgrading, maintaining and utilizing physical, academic and support facilities. Structured feedback from students, alumni, parents, faculty, employers and experts from academia, industry and research are taken through course/programme review feedback.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	PMCs	50	21	19
BSc	GBcMb	60	29	25
BSc	GBcBt	40	39	39
BSc	CZMb	50	19	18
BSc	CZBt	60	21	17
BA	Political Science	40	16	15
BA	Psychology	50	20	20
BCom	Commerce	500	400	385
BBA	Business Administ	200	164	162
BCA	Computer Applications	200	158	132

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## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	843	163	46	24	32

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
102	102	242	55	Nil	100

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Faculty mentors and the heads of departments regularly review academic progress and counsel students to improve performance and ensure academic growth. Mentors meet and advise the students on a regular basis. Mentor cards which include personal as well as academic progress details are maintained for each and every student and is regularly updated by the mentors. Supportive measures for advanced as well as slow learners: i. Slow Learners are given special attention by the following initiatives: a. Organizing Extra Classes during the semester and also by organizing bridge courses at the beginning of the semesters b. Giving practice assignments c. Organizing Guided Self Study Courses classes d. Providing extra reading material to improve basic understanding of subject e. Engaging in social activities/class activities/institution activities to develop social skills ii. Advanced learners are encouraged to excel in academics through the following initiatives : a. They are given additional/challenging assignments/ project work b. They are encouraged to participate in various symposiums, quiz, poster presentation, conferences, inter institution competition etc. c. They are also given opportunities to do mini-project work in the institution or other industries as per their area of interest d. They are encouraged to publish their own research findings in reputed journals. iii. Improvement in student attendance - Student regularity is monitored, mentored on a one-on-one basis by the class teachers and encouraged to attend classes. The importance of attendance in teaching-learning is reinforced.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2880	102	1 : 28

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
24	24	Nil	24	8

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

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
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2019	Dr. Vanitha G Ramesh	Associate Professor	Award of "International Innovative Researcher in Genetics" for the publication of Research Paper on "Moringa oleifera as a natural coagulant" RULA AWARDS - Research Peace Award
2020	Ms. Kavitha S	Assistant Professor	Received the Best paper award titled Convolutional Neural Network Structures for Image classification in the conference International conference on Prominent Challenges in Information Technology January 2020, organized by St. Joseph College For Women
2020	Dr. Nataraja.P	Associate Professor	Best Teacher Award in Feb 2020, HKBK Group of Institutions, Bangalore
2020	Ms. Manasa Gowda	Assistant Professor	Global Peace Challenge 2020 has awarded Ms. Manasa Gowda as Peace Ambassador for India on 1st June 2020
2020	Dr. Sibi. G	Associate Professor	Best Teacher Award in Feb 2020, HKBK Group of Institutions, Bangalore
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

BCom	BCM	I, III, V	06/12/2019	09/01/2020
BBA	BAM	I, III, V	06/12/2019	09/01/2020
BCA	CAP	I, III, V	06/12/2019	09/01/2020
BA	BA	I, III, V	06/12/2019	09/01/2020
BSc	ZOO	I, III, V	06/12/2019	09/01/2020
BSc	BIT	I, III, V	06/12/2019	09/01/2020
BSc	MIB	I, III, V	06/12/2019	09/01/2020
BSc	PHY	I, III, V	06/12/2019	09/01/2020
BSc	CSC	I, III, V	06/12/2019	09/01/2020
BSc	ELE	I, III, V	06/12/2019	09/01/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
5	606	0.25

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.indianacademy.edu.in/current-students/student-development/learning-outcome/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BCM	BCom	Commerce	235	222	94.47
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.indianacademy.edu.in/current-students/student-development/student-satisfaction-survey/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Mrs. Shubha Bhadran

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	Nil	Nil	Nil	Nil
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	VGST	10	10
Major Projects	1095	DBT	14	11.99
Major Projects	365	DST - SERB	8	8
Major Projects	365	PARAMARSH - UGC Scheme	15	15
Students Research Projects (Other than compulsory by the University)	180	KSCST	0.06	0.06
Students Research Projects (Other than compulsory by the University)	180	KSCST	0.06	0.06
Students Research Projects (Other than compulsory by the University)	180	KSCST	0.07	0.07
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

3

3.3 – Innovation Ecosystem

3.3.1 – 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
One-Day workshop on Significance of IPR Innovations in the Sphere of Sciences was held by the IPR cell	IPR Cell	18/09/2019
Intellectual Property Rights	Biochemistry and Chemistry	26/02/2020
National Symposium on Digital Education: Emerging Paradigms in higher education in the 21st century	IPR CELL	07/01/2020
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### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nil	Nil
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Microbiology	1

### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Computer Science	3	Nil
International	Computer Science	4	Nil
International	Chemistry	3	Nil
National	Commerce - PG	3	Nil
International	Commerce - PG	1	Nil
National	Biochemistry	1	Nil
International	Biochemistry	1	Nil
National	Commerce - UG	1	Nil
International	Biotechnology	9	Nil
International	Physics	2	Nil
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### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Humanities	2
Kannada	5
Business Administration	1
Genetics	1
English	7
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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Nil	0	Nil
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#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Lipid droplet synthesis in Chlorococcopsis minuta mediated by nitrogen deprivation for higher lipid productivity	Hamid S, Sibi G	Research Journal of Microbiology	2019	0	IADC-A	Nil
Molecular Docking Studies of Podophyllotoxin and Its Derivatives against Metabolic Enzymes Regarding Anticancer Therapeutic Strategies	Sudhakar Malla, Sharma	Recent Advances in Biology and Medicine	2020	0	IADC-A	Nil
Co-aggregation of bacterial flora	K. Vinod Kumar, Archana Pala,	Microbial pathogenesis	2019	0	IADC-A	Nil

isolated from the human skin surface	Pooja Baia, Andeep Koura, Sheeba E, Rajarajan P,ArbiyaKa usara, Mon amiChatterjeea, Guru Prasada, Swati Balayana, Panchatapa Dutta, KavindaWijese keraa					
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#### 3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Dynamics of soliton collision phenomena on classical discrete Heisenberg weak ferro magnetic spin chain	E. Parasuraman	Jnl. Of Magnetism and Magnetic Materials	2019	Nill	Nill	Department of Physics, IADC -A
Alternate way of soliton solutions in hydrogen-bonded chain	E. Parasuraman	WAVES IN RANDOM AND COMPLEX MEDIA	2019	Nill	Nill	Department of Physics, IADC-A
Co-aggregation of bacterial flora isolated from the human skin surface	K. Vinod Kumar, Archana Pala, Pooja Baia, Andeep Koura, Sheeba E, Rajarajan P,ArbiyaKa usara, Mon amiChatter	Microbial Pathogenes is	2019	Nill	2	Department of Microbiology, Indian Academy Degree College- Autonomous, Hennur Cross, Kalyan Nagar,

	jeeva, Guru Prasada, Swati Balayana, Panchatapa Dutta, KavindaWijese keraa					Bangalore, 560 043, Karnataka, India
Characterization and anti-neoplastic potential of phytofabricated silver nanoparticles on human breast cancer cell line (MCF-7)	Chimmaiah Kuppaswamy Amudha, Farah Deeba, Pethannan Rajarajan	International Journal of Applied Pharmacetics	2019	Nil	2	Department of Microbiology, Indian Academy Degree College- Autonomous, Hennur Cross, Kalyan Nagar, Bangalore, 560 043, Karnataka, India
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#### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	72	102	25	67
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0
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#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0
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### 3.6 – Extension Activities

#### 3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
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Awareness on Traffic and Road safety	NIMHANS, Bangalore	15	150
Annual Blood Donation camp	Rotary blood bank, Bangalore	9	276
Stem cell donor camp	Stem Cell Authority of India	5	107
Rally for Rivers	ISHA foundation	20	120
Dental checkup	Department of Public Health Dentistry, Rajiv Gandhi College of Dental Science and Health	10	356
Safer Roads Bengaluru	Safe Roads Committee, Bangalore	12	120
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	Nil
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Annual Blood Donation camp	Rotary blood bank, Bangalore	Annual Blood Donation camp	9	276
Safer Roads Bengaluru	Safe Roads Committee, Bangalore	Safer Roads Bengaluru	12	120
Stem cell donor camp	Stem Cell Authority of India	Stem cell donor camp	5	107
Awareness on Traffic and Road safety	NIMHANS, Bengaluru	Awareness on Traffic and Road safety	4	150
Rally for Rivers	ISHA foundation	Rally for Rivers	4	120
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### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Nil	Nil	Nil	0

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Job Training	Value added program	Biozeen Pvt. Ltd	18/01/2020	07/03/2020	18
Job Training	Value added program	Stellixir Biotech Pvt. Ltd.	21/09/2019	17/11/2019	18
Sharing of research facilities	Faculty Development Program	CIIRC Centre for Incubation, Innovation, Research and Consultancy	19/09/2019	20/09/2019	25
Internship	Content Writing	Kreeda Online Service(OPC) Private Limited	11/12/2019	12/01/2020	16

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Kreeda Online Services (OPC) Private Limited	12/12/2019	Content writing and other training	16
Experimental Lab, Veterinary College, Hebbal, Bangalore	04/02/2020	Conducting Project work	3
Sree Balaji Medical College Hospital, Chennai-6000044, Tamil Nadu	03/02/2020	Collaborative research, exchange of research information, Student , faculty and staff exchange programme	7

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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2900000	2973657

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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### 4.2 – Library as a Learning Resource

#### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Easy Lib	Partially	4.4.4	2010

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	25247	6026193	231	59817	25478	6086010
Reference Books	4288	1845235	98	5331	4386	1850566
e-Books	12	20500	Nill	Nill	12	20500
Journals	70	87800	Nill	Nill	70	87800
e-Journals	6000	20000	Nill	Nill	6000	20000
Digital Database	2	20500	Nill	2	2	20502
CD & Video	821	29020	7	3914	828	32934
Library Automation	1	20000	Nill	17700	1	37700
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#### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nill
No file uploaded.			

### 4.3 – IT Infrastructure

#### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	299	170	0	8	0	20	64	150	45
Added	0	0	0	0	0	0	0	0	0
Total	299	170	0	8	0	20	64	150	45

#### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

150 MBPS/ GBPS
----------------

#### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
G-meet	<a href="http://bit.ly/2MgkuUU">http://bit.ly/2MgkuUU</a>
G-meet	<a href="http://bit.ly/3oKvIR4">http://bit.ly/3oKvIR4</a>
G-meet	<a href="http://bit.ly/36BbbZh">http://bit.ly/36BbbZh</a>
G-meet	<a href="http://bit.ly/3tlqVcy">http://bit.ly/3tlqVcy</a>
G-meet	<a href="http://bit.ly/3je0jWl">http://bit.ly/3je0jWl</a>
G-meet	<a href="http://bit.ly/3jdkUtH">http://bit.ly/3jdkUtH</a>
G-meet	<a href="http://bit.ly/2Legakl">http://bit.ly/2Legakl</a>
G-meet	<a href="http://bit.ly/2MTzA5m">http://bit.ly/2MTzA5m</a>
G-meet	<a href="http://bit.ly/36BpHjD">http://bit.ly/36BpHjD</a>
G-meet	<a href="http://bit.ly/3jctU29">http://bit.ly/3jctU29</a>
G-meet	<a href="http://bit.ly/36BWFAs">http://bit.ly/36BWFAs</a>
G-meet	<a href="http://bit.ly/3rni7RL">http://bit.ly/3rni7RL</a>
G-meet	<a href="http://bit.ly/2NWnyZh">http://bit.ly/2NWnyZh</a>
G-meet	<a href="http://bit.ly/3jdXQuW">http://bit.ly/3jdXQuW</a>

### 4.4 – Maintenance of Campus Infrastructure

#### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1650000	16175612	14300000	14080704

#### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

Any books / journals / CDs borrowed from library but not returned within the date, the librarian informs the concerned person and the respective H.O.Ds for necessary procurement of the books. Each librarian maintains the stock register of book, periodicals / journals, CD's and the cassettes held in their libraries. The list of these books, periodicals / Journals, CD's cassettes are maintained in the library software (System). Items like CDs are stored in magazines to prevent damages during storage. Books Journals, Periodicals etc

are stored in identified locations in shelves / racks for protection and prevention of unauthorized use / misplacement. For easy and quick identification of books / journals and its location, suitable software is used (Easy LIB). The request for new books / Journals / Periodicals etc is given by academic departments and it is forwarded to the concerned library for cross checking the availability of the same in the library. The concerned librarian after screening indicates the availability of the same on the indent and sends it to the Principal or purchase committee for processing. If it is decided to procure the same, the indent is forwarded to the Chairman for approval. After obtaining approval from the Chairman, the books / journals are purchased. On receipt of the books / journals, the librarian verifies the item received against invoice and also checks for the damages / missing pages. If found satisfactory, the books / journals are taken to stock and necessary entries made. When the books are returned to the library, the concerned librarian examine the books for any damage or missing pages, so that the books are always kept in good condition (ready for use) and kept in the respective location. Library books are issued to students through issue card. The borrower library card is retained in the library for account purpose. Date of issue along with due date for return is stamped on issue slip printed on the back side of the book. The duplicate slip is retained for record purpose. All equipments used in the laboratories are identified with unique member for easy identification. Equipments / computers used in office are identified by equipment description. In case of office Hardware (problem in the system) or Fax or A/C, the office / concerned in-charge. inform the supplier / dealer for necessary action to solve the problem. Items like Laboratory chemicals, Glass wares, library books, instruments and other items, the concerned department, raises the purchase requisition giving full information such as description, quantity, make / grade / brand / / the delivery date / price etc and in the case of the book and journals full information such as title of the book, author, edition number, publisher, year, of publication etc are shown in the purchase indent and forward the same along with quotation ( if available) to purchase committee for clearance. The purchase committee scrutinizes and approves the requirements. This is then forwarded to the approved list of suppliers upon Chairman's acceptance.

<https://www.indianacademy.edu.in/current-students/student-development/procedures-and-policies/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Merit Scholarship, Merit cum means scholarship, Merit-cum-means, Girl student Scholarship, Fee Concession	468	3011930
Financial Support from Other Sources			
a) National	Scholarship, Arivu loan	204	2688090
b) International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Campus Recruitment Training	11/09/2019	486	Luiz and Clark Academy
Image Building	11/09/2019	477	Luiz and Clark Academy
Tally ERP	05/12/2019	29	TALLY Academy, NICT Education Pvt
Advanced Microsoft Excel (AE)	05/12/2019	69	TALLY Academy, NICT Education Pvt
Mentoring	15/07/2019	2880	In-house Faculty mentors
Bridge/Foundation Courses	16/07/2019	843	In-house Faculty
Personality Development Campus Recruitment Training	11/09/2019	64	Luiz and Clark Academy
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	CSIR NET	45	4	Nil	4
2019	All-India Tally Commerce Aptitude test	Nil	259	Nil	53
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	7

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations	Number of students	Number of students placed	Name of organizations	Number of students	Number of students placed

visited	participated		visited	participated	
24/7.ai Concentrix Nandi Toyota TMF Group Bangalore Education Guidelines Pvt.ltd. LG Soft ware Comorin Consulting Services ICICI Prudential Concentrix Antrax Technologies India Shelter Finance HSBC Mphasis Mr.Copper Legato Health Technologies LLP DXC	971	111	Wipro Qspiders (Capgemini) Qspiders (Hexaware) Cognizant TCS Aditya Birla Captital Molecular Connections MRKLLP RecruitSmart Gomer Technologies Onsurity Kimberlite Chemicals PvtLtd EigoP aathshala Resourcepro IREP OcwenFi nancial Services	168	21
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#### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	5	B. A.	Humanities	Kristu Jayanthi College, CMR University	M. Sc Psychology, MTTM, Physical Education
2020	6	B. Sc	Physical Sciences	IADC-A, RV College	M. Sc
2020	1	M. Com	PG Commerce	MS Ramaiah University	Ph. D
2020	20	BBA	Business Administration	IADC-A, Koshy's College of Management, Reva University	MBA
2020	45	BSc	Life Sciences	University of Colombo, National Forensic Science University,	M. Sc

				Bangalore University, IADC-A, Venkateshwara University, Jain University, Christ University	
2020	79	B. Com	Commerce	IADC-A, Shadripuram College, Bangalore University	M.Com(FA)
2020	18	B.C.A	Computer Science	IADC-A, RV College, PESIT	MCA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports events- Athletics, Outdoor indoor games	Intercollegiate level	78
Annual Sports-2020 Athletics- Track Field events, Indoor and Outdoor games	Institution level	550
Cultural competitions	Intercollegiate level	49
Annual Inter collegiate fest Yuvtarang-2020	Institution level	508
Annual Intra collegiate fest Spectrum-2019	Institution level	560
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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	III position in XVI National Figure	National	1	Nil	19IABSC062	Elisetty Pallavi



	Skating Championship - Andhra Pradesh					
2019	Gold medal in Synchronized Skating in XVI National Ice Skating Championship at Haryana	National	1	Nill	19IABSC062	Elisetty Pallavi
2019	Bronze Medal in Figure Skating in XVI National Ice Skating Championship at Haryanay	National	1	Nill	19IABSC062	Elisetty Pallavi
2020	First position in XVII All India Open Karate Championship at Madurai	National	1	Nill	19IABSC044	Kauser Sulthana
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student council comprising Class Representatives is an elected body which encompasses office bearers holding the various prestigious positions such as President, Vice-President, Secretary, Joint-Secretary and Cultural Secretary. The Students' Council and Student clubs of various departments works for the benefit of the students throughout the year and pursues several activities within and outside the college campus. In line with the aim of the institution to create individuals who are responsible and socially conscious citizens, the Student Welfare Office partakes in assessing individuals who have the potential to become future leaders in creating a better society. They are elected by the students and SWO. The SWO organises programmes to train and carve the students to polish their leadership and managerial skills. The major activities planned, organised and executed by the Student Council are Intra collegiate cultural Fest -SPECTRUM, Inter collegiate cultural Fest -YUVTARANG, Annual Day, Sports Day, Teachers Day, National Festivals. They are an integral part in organising the Recognition Day, creating better platforms for fellow students to present and improve themselves in the inter college and intra-college arena with the guidance of the SWO. They are also members of various committees like IQAC. They are engaged in student support activities organised by YRCS, NSS, Sri Aurobindo Centre for Education in Human Values(SACEHV).

## 5.4 – Alumni Engagement

### 5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has a registered Alumni association. The Alumni Association provides a single platform and develops synergistic plans to aid and improve Institutional endeavours. Indian Academy Alumni Association (IAAA) was established in the year 2014. The IAAA works to strengthen ties between the Institutions and the alumni, so that the alumni can participate in various activities including cultural and social activities. Indian Academy has shaped many educationists, scientists, writers, managers, entrepreneurs, politicians, teachers etc. IAAA is also a focal point of contact among alumni to interact and network with each other. Alumni are members of BoS, committees like IQAC. They are invited as judges for cultural as well as sports events, to deliver special talks and they also render help in placements.

### 5.4.2 – No. of registered Alumni:

775

### 5.4.3 – Alumni contribution during the year (in Rupees) :

10000

### 5.4.4 – Meetings/activities organized by Alumni Association :

The Indian Academy Alumni Association is an established body. The office bearers and the Faculty coordinators conduct periodical meetings where members freely interact on subjects pertaining to institution development. During the academic year 2018-19, 5 meetings were conducted by the association. At the department level, the heads of the departments along with the senior faculty members interact with the alumni and seek out help in the conduct of seminars and conferences. The alumni members came forward with the initiative of paying the registration fees for seminar for students from the economically weaker sections of the society. The alumni play a major role in motivating students and career building specially on pre-placement activities.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

#### 6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution has a system in place that focuses on greater freedom, flexibility and individual choice. This is realized through regular interfacing and active participation of all stake-holders. The governing body plays a major role in strategic planning. One of the main aims of the governing body is to capitalize on the resources and expertise which can be shared across disciplines, introducing lateral mobility to gain cross-discipline experiences. The academic council reflects on issues of academic interest either on its own initiative or proposed by the departments and gives directions with regard to instruction, evaluation and improvements in academic standards and research and prescribes new courses of study in the institution. Management comprises of Governing council followed by the Academic Council and each committee has been provided with specific functions catering to the needs and ongoing progress and development of the Institution. The Governing Body takes care of financial management and the implementation of facilities for the institution with the exhortations to upgrade the standard of amenities which supports effectively the teaching learning and research aspects. Admission committee is available in college taking care of students from first year of student's admission. The

Principal, Heads of the departments, teaching and non-teaching staff along with student council members, class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate in the growth of institution and to act according to the aims and objectives of the Institution. Principal is a member of the governing body and the Chairperson of the IQAC. The Principal in consultation with the teachers of different committees plan and implement different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the Governing Body, the IQAC and the teachers of the college. The Institution has framed the following committees to promote and practice decentralization and Participative Management. Internal Quality Assurance Cell (IQAC) Research and Publication Committee Autonomous Admission Approval Committee Controller of Examinations office Student Welfare Office Scholarship Committee Students' Examination Grievance Redressal Committee Anti-Ragging squad Students' Grievance Appeal Committee Equal Opportunity Cell International Students Association Parents Teachers Association Anti-Sexual Harassment Committee Student Discipline Committee Department of Students Development and Research (DSDR) Internal Complaints Committee (ICC) Academic Programme Review Committee Alumni Association Women's Cell Sports and Games Committee Academic Audit Committee Staff Colloquium College Magazine Committee Founders' Day Committee Hand book committee Library Advisory Committee UG PG Internal Examination Committee UG PG Autonomous Examination Committee CIA Committee Green Audit Committee Publicity and Media Management Committee Student Development Centres and Cells Sri Aurobindo Centre for Education in Human Values Indian Academy Centre for Professional Excellence Indian Academy Centre for Entrepreneurial Learning Indian Academy Cell for Student Placement Services National Cadet Corps (NCC) National Service Scheme (NSS) Youth Red Cross (YRC) The current year witnessed the involvement of third party in the progress of the institution including planning and processes related to academics, finance, Human Resource, Information Technology (Digitization) and functioning of statutory bodies.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	<p>The autonomous system understands the importance of industry interaction and encourages participation of Industry experts in the board of studies, academic council and governing council.</p> <p>The placement cell understands the recruiters' requirements and creates the essential schedules to provide the required skill sets to the students.</p> <p>The IACPE identifies the resource personnel/companies for offering training programmes on the skill sets through value-added programmes. The main purpose of the value-added programmes is to update the students and prepare them for internships and placement. Industry visits organized by departments play an important role in enriching experiential learning. Guest</p>

lectures are organized regularly to update the students on industry trends. The invited guests are by Chartered Accountants, Cost Accountants, Tax Experts, Entrepreneurs, HR Managers, scientists etc. MoUs with industries have helped in designing value-added programmes for students. Significant contribution of third party in the planning and execution of Industry academia interface.

Library, ICT and Physical Infrastructure / Instrumentation

Extended working hours of the centrally located fully equipped library spread over two floors suits user requirements for examinations as well as research Orientation is carried at the beginning of every academic year for the newly inducted staff and students on the usage of digital library that promotes usage of online resources The efficient and well-mannered library staff strengthen the institution with elearning resources and online access to journals, magazines, project work/dissertation/thesis for the students as well as faculty members The full-fledged digital library integrates ICT with library resources and digital library consortia like INFLIBNET, DELNET, J-GATE, SAGE, NPTEL and many more. For additional resources, membership with British Library and National Digital Library is permitted. The library incorporated BRAILLE books for the visually impaired students.

Number of hours spent by the student/faculty in the Library is tracked through smart-card integration The Institution encourages the extensive use of ICT and computer-aided teaching/learning, video lectures and powerpoint presentations 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 campus maintenance and upkeep of infrastructure, facilities and equipment. Each department is manned with technically qualified people. A Multimedia Language Lab, Computer Labs and Science Labs provide opportunities for hands-on training. All laboratories are equipped with advanced equipment. Fire extinguishers have been installed

across the campus and students and staff have been trained in handling the equipment. In order to ensure safety and security of the campus community, the College is under central surveillance with the installation of CCTVs on campus Exclusive parking facility is provided for both two-wheelers and four-wheelers RO plants supply potable water for the entire college. An exclusive recreation-room with facilities for relaxation is provided to women faculty members of the institution. Significant contribution of third party in the planning and execution of infrastructure.

#### Research and Development

Research-pedagogy incorporated within the institution, especially within the PG departments, positively influence research. It considers the connection between teaching and research in which research is enhanced by teaching. The college has UGC 12B, 2(f) status, is recognized as research centre in Life Science and recognized as Star College by the Centre of DBT, New Delhi. The research committee comprises experienced faculty members with doctoral degree who efficiently coordinate research activities within the institution. The research proposals are scrutinized and screened by the committee before submission to external bodies thereby ensuring quality. The Management funds research projects to encourage Faculty members to pursue research projects. This scheme builds research culture within the college and motivates faculty members to write research proposals and earn research grants from funding agencies. Faculty members actively engage themselves in research publications mainly into scopus-indexed and science citation indexed journals Research related Workshops are organized periodically. In order to promote research culture within the campus, the management granted seed money for 12 projects across departments to 14 faculty members. The total amount sanctioned was Rs. 3,41,000/-. Students are sent to participate at National level conferences, Seminars and Research competitions. Teachers are advised for opting Major and Minor Research Projects. Regular meetings of Research

committee are organized. Teachers are sent to participate in Orientation programmes, Research Workshops, Training programmes of Academic Staff college and other institutions. Teachers are continuously motivated to present papers and participate in National/International, State level Conferences and Seminars. Books are published by the teachers with ISBN nos. Papers are presented and published by the teachers in journals of national and international repute. Significant contribution of third party in the planning and execution of research related activities.

#### Examination and Evaluation

Examination-evaluation is a transparent process. The details of which are made available to the students through Student hand book and exam manuals. Apart from this, the class teachers and the subject teachers ensure that the students are educated about the evaluation system and the significance of Continuous Internal Assessment (CIA) along with its split-up. The Principal meets the students at least once in a semester to reiterate on the importance of examination evaluation. This is surely a motivation to both the students and the teachers. The autonomous system ensures that the department-wise list of Board of Examiners (BoE) is comprehensive thereby enabling the timely execution of exam and evaluation process. The Evaluation processes consist of Continuous Internal Assessment (CIA) and End Semester Examinations (ESE). The barcoded answer scripts guarantee confidentiality. Final exam results are published within three weeks of examination. Transcripts are printed with high security features including the photograph of the students. During the COVID - 19 pandemic situation, exams were held online for the final year students through a proctoring software, which enabled in conducting the examinations in a fool-proof manner. Here again, results were announced on-time to help students in career progression. Significant contribution of third party in the planning and execution of examination-evaluation processes.

#### Curriculum Development

The Board of Studies (BoS) identifies



areas for revamping the curriculum. The lacunae, inclusions and exclusions are identified. Innovations are brought into the content as well as teaching learning methods. Novel techniques to be implemented in assessment and evaluation process is also discussed in detail. Integrated curriculum is followed by the departments which is student-centered, problem-based, integrated, community based, elective driven and systematic. The determinants of the curriculum being demands of society, professional needs, social, industrial, educational advances, employability, MHRD guidelines and resources. The BoS comprises Subject Experts from renowned institutions, industry experts and meritorious alumni. The academic council which includes eminent academicians play a vital role in approving the resolutions passed by the BoS. The Governing Body ratifies the suggestions proposed by the Academic Council. The departments offer Add-on / Certificate programs in association with the Indian Academy Center for Professional Excellence (IACPE). Significant contribution of third party in the planning and implementation of Curriculum development.

#### Teaching and Learning

Indian Academy Degree College Autonomous is committed to offer the finest teaching methods which promotes student learning and ultimately witnesses continuous improvement. The college encompasses state-of-the-art infrastructure which includes ICT enabled class rooms. The learning materials such as Power-point presentations, videos, case studies and many more. The teaching-learning activities of the institution functions on the "Bell-to-Bell" principle which suggests that Punctuality is the hall mark of a teacher. The institution purchased the G-Suite early in the year. This enabled Faculty members to conduct online classes effectively, inspite of the COVID-19 pandemic situation. The management continues to adequately reward the teachers who are on-time to college and to classes. In order to enhance the productivity of faculty members, the IQAC organizes Faculty Development Programmes and workshops time-to-time to keep the

teachers up-to-date with the current trends and also techniques to excel in teaching. The Principal organizes at least 2 department level meetings in which the importance of effective teaching and focus on results is reiterated. Department meetings are conducted on a monthly basis which focuses mainly on teaching learning process. Faculty Performance reports(FPR) are to be filled by the faculty members every month. The FPR includes an entry which emphasizes the special teaching methods opted during the month. Details pertaining to student mentoring by the teachers is also needs to be recorded in FPR. This definitely is one among the good practices of the Institution. Faculty Induction Programmes (FIP) orients the new faculty members on the values of the institution and the significance of their roles. Involvement of Parents in the Teaching learning process helps to mould the students into fine citizens of future. Student-centered learning has always been the focus of the institution. Innovative methods adopted by the faculty including flipped learning sessions and case-based practical learning offers an experiential learning platform to the students. Significant contribution of third party in the planning and execution of academic endeavors.

#### Human Resource Management

The annual faculty performance appraisal system(AFPAS) is one of its kinds, which incorporates 360 degree feedback. The mechanism followed is flawless and objective. This continues to be one amongst the best practices of the institution which strives to bring out the best in the faculty members. The AFPAS builds an atmosphere of healthy competition and brings out the best in each and every faculty member involved in the process. The roles and responsibilities of the staff are clearly defined. This guarantees smooth functioning of the system as a whole. Substantial funding is allocated for faculty training and support activities. Orientation workshops for the newly inducted faculty members align them with the insitutions' vision, mission and value system. An exclusive Staff Grievance Redressal Cell addresses internal grievances and concerns of the



staff members. Significant contribution of third party in the effective management of HR policies, principles and implementation. Refined research policy is included to inculcate research culture in the campus.

#### Admission of Students

The collaborative effort of an able and efficient team of faculty members headed by the Principal works on all-round development of the institution. The vision of the institution is to ensure progress of each and every student admitted into the college. As the first step the applicants are counselled by the faculty to create awareness among the students regarding Autonomy, Courses offered, career prospects, campus culture, rules and regulations and various other add-on courses designed for the holistic development of the students. The admission department comprises well qualified staff. The admission process is transparent and merit-based. The candidates undergo pre-admission counselling which helps them to choose the right programme of study based on their skillset and passion. Suitable provisions are made with suggested relaxations in the eligibility criteria to guarantee access to students belonging to less privileged sections of the society. As per requirements, it is ensured that at least a minimum number of students from each of the categories such as SC-ST Minorities backgrounds Sports achievers, etc are given admission opportunities. The institution 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 Institution. The institution encourages healthy gender balance in student composition. The online admission system enables opportunities to students across geographical boundaries. Students are benefitted by the online fee payment option through Banks and other portals.

#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	To use ICT in the process of planning college-events and activities, the

college makes use of official e-mails. Important notices and reports are also circulated via e-mails. E-governance aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and time effective. To facilitate the same college is using Knowledge Pro software with Student, Examination, Finance Account, Employee, Library and hostel management Modules. Governing Body, Academic council and Board of Studies Meetings are held online through G-Suite.

#### Administration

The online campus administration software system 'Knowledge Pro' acts as a central repository and includes relevant information pertaining to the major stake holders namely students, faculty members and non-teaching staff of the institution. E-governance plays a vital role in Annual Faculty Performance Appraisal.

#### Finance and Accounts

Trained and well-qualified staff diligently carry out the execution of all tasks related to finance and accounts. This makes financial planning stress-free for the management Online fee payment option is welcomed by all the stake holders unanimously.

#### Student Admission and Support

Knowledge Management System has been extended, to include online admission. The institution is registered with the leading education portal, Shiksha.com which helps students in the online admission process.

#### Examination

The knowledge management system 'Knowledge-Pro' ensures transparency in evaluation of Continuous Internal Assessment scores Seating arrangement process is automated. The answer scripts are bar-coded to ensure confidentiality End-semester examination results are published online within 3 weeks of examination Transcripts and provisional degree certificates are printed with high security features. To address the challenges in conducting offline exams during the lock down period, examinations were held online through an effective proctoring software which enables a fool-proof mechanism in the conduct of examinations. This enabled the timely announcement of results in spite of the pandemic situation.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Indrani Vidhyadhar. C.	Environmental Sustainability - An economic growth - The way forward to 2030	New Horizon College, Bangalore	1000
2019	Malasa M. R.	National Conference SAMVIDH - 2019	Seshadripuram First Grade College, Yelahanka	250
2019	Mukunda B. G.	National Conference on Contemporary trends on Management Research	M. P. Birla Institute of Management	500
2019	Umera Kauser	FDP on mastering Predictive Analysis	Jain College, Bangalore	500
2019	Leelavathi. R.	FDP on mastering Predictive Analysis	Jain College, Bangalore	500
2019	Kiran Kumar Nandi	National Workshop on Library automation with KOHA	Krupanidhi Degree College, Bangalore	500
2020	V. Mahalingaiah	National Seminar 2020 by the Department of Kannada	Kristu Jayanathi College, Bangalore	100
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Annual FDP -	Nil	11/07/2019	12/07/2019	102	Nil

	Srujana 2019					
2019	Nurturing a vibrant learning culture	Nil	18/12/2019	19/12/2019	110	Nil
2020	National Symposium on Digital Education	Nil	07/01/2020	07/01/2020	120	Nil
2020	FDP on G- Suite for Education	Nil	18/03/2020	19/03/2020	102	Nil
2020	Nil	Training Programme for Admission Department	27/05/2020	27/05/2020	Nil	10
2020	Nil	Awareness Programme on COVID - 19	20/05/2020	20/05/2020	Nil	15
2019	Advanced Microscopy	Nil	19/09/2019	20/09/2019	20	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Dupont Analysis	4	27/05/2020	27/05/2020	1
Strategies to revive the Economy for better performance	1	21/05/2020	21/05/2020	1
Blended learning and innovation in teaching	1	21/05/2020	21/05/2020	1
Workshop on IPR and innovations in the sphere of sciences	1	18/09/2019	18/09/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
102	102	54	54

#### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Annual paid vacation is granted to all members of the faculty Group insurance policy available to faculty Salaries are promptly paid Decent Increments are given for all the staff Faculty are felicitated for their outstanding contributions on Teachers' Day Faculty Lounge for Female Staff EPF facility is provided to all the teaching nonteaching staff members who have completed three years of service OOD facility is given to faculty attending conferences, seminars, guest lectures Financial assistance is given to the faculty for participating in conferences, seminars, workshops and staff refresher courses Staff pursuing research are given seed money and permissions/OD whenever required FDPs and orientation programs for Teaching and Non-teaching staff are conducted every year. Competent/Highly qualified faculty are given key roles and responsibilities and honored with appropriate designations. Special skills and talents of faculty are identified and they are encouraged to take up lead role and be frontrunners Gifts are given for Teachers Day Staff re-creation activities like -Picnics are arranged Transport</p>	<p>Annual paid vacation Casual leaver for 12 days ESI facility is provided for all the non-teaching staff Class IV employees are given two pairs of uniform every year Children of non-teaching staff was given fee waivers Salaries are promptly paid Decent Increments are given for all the staff</p>	<p>Conduct Orientation programmes Organise Student Centric Activities Conduct Entry Level Tests and Bridge courses Help students with remedial and tutorial classes Active student representation in planning, organising and conducting various student centric activities which promotes event management and team building Involving students in Social Service Activities to sensitize them on social responsibility Organise various Acadoopportunities. Trained and professional counsellors are available on campus. Student scholarships Curricular Extra Curricular toppers /winners are recognised on Annual Recognition Day Industrial visits/ Experiential learning activities for students Well maintained Canteen and RO water system for maintaining health and hygieneemic and Extra-curricular activities for overall development Encourage student participation in various competitions viz. Cultural, Literary and Sports Encourage student research Support in Career Guidance and Placement assistance.It fosters partnerships and linkages with the corporate sector for placement and training</p>

facility provided to staff members Casual leave for 12 days

#### 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

INSTITUTION CONDUCTS BOTH INTERNAL AND EXTERNAL AUDIT INTERNAL AUDIT IS BEING CONDUCTED QUARTERLY AUDIT WORK CARRIED OUT BY THE INTERNAL AUDITORS: 1. Verification of cash book with the relevant cash receipt and cash payment vouchers 2. Verification of bank book with the relevant bank receipts and bank payment vouchers 3. Verification of stock registers at the laboratories 4. Physical verification of the fixed assets 5. Verification of ETDS deducted and remittance of the same to the government 6. Verification of admission of students as per the norms 7. They verify the fee structure of the students and whether the fees are collected as per the fee structure 8. They verify the remittance of cash into the bank on the basis of day to day fee collection EXTERNAL AUDIT IS CONDUCTED BY THE STATUTORY AUDITORS OF THE INSTITUTION External auditors file quarterly ETDS returns on behalf of the institution External auditors verify the correctness of entries in the accounting package. They make the Necessary corrections if required. They file the annual returns of accounts and submit the Audit report.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
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6.4.3 – Total corpus fund generated

351621752

#### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External Senior IQAC Members from other Autonomous Colleges and from Bangalore University	Yes	IQAC
Administrative	Yes	Chartered Accountant	No	Nil

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The Parent - Teacher Association (PTA) is the key to improve the educational system at grassroots level. The members of PTAs are more concerned with protecting and promoting the interest of the students as well as for the growth and developmental activities of the institution through mechanisms such as constructive feedback. Regular Interfacing of parents with authorized regulatory organizations like LIC NAAC on Autonomous system has produced a

constructive impact.

6.5.3 – Development programmes for support staff (at least three)

1. Health checkup camp 2. Recreational activities 3. Training programme for administrative staff 4. Awareness Programmes for Non-teaching staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Digital Transformation 2. Strengthening tie-up with Industries and Higher Education Institutions through MoUs 3. Review of STAR College Scheme 4. PARAMARSH - UGC Scheme in progress ( First Installment received during the academic year 19-20)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Nill	Nill	Nill	Nill	Nill
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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
A talk on Peer pressure	23/09/2019	23/09/2019	720	Nill
"Nutrition, Breast Cancer & Cervical Cancer"	27/09/2019	27/09/2019	240	Nill
"Stop domestic violence and Prevent Breast cancer" -Rally	16/10/2019	16/10/2019	205	45
Recreational activity for women housekeeping staff	10/12/2019	10/12/2019	20	Nill
Health checkup camp	20/12/2019	20/12/2019	20	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

- Continue to Observe "Energy Conservation Day" every second Saturday of every month
- Green Audit is conducted to monitor the energy consumption
- 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 bio-fuel 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.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	1	8	20/11/2019	8	Akshara jnana	Coaching given to understand, read and write in English and Kannada-local language	17
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Nil	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Participated in Drushya Natakotsava Street play Competition	12/03/2020	12/03/2020	50
CSR activity	29/07/2019	29/07/2019	50
Inaugural of Centre and Guest Lecture	10/08/2019	10/08/2019	50
Guest Lecture on	06/08/2019	06/08/2019	125



Drug Abuse			
Street play Competition (won the First Place)	07/10/2019	07/10/2019	20
Gandhi jayanthi	02/10/2019	02/10/2019	200
Swacha Bharth	10/10/2019	10/10/2019	170
Visit to Sri Aurobindo Ashram	05/01/2020	05/01/2020	30
National Youth Day celebration	11/01/2020	11/01/2020	200
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Continue to Observe "Energy Conservation Day" every second Saturday of every month 2. Green Audit is conducted to monitor the energy consumption 3. 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 4. Planting and nurturing saplings of bio-fuel and avenue plants in and around the college on a regular basis 5. A well defined rain water harvesting system is set up in the premises and is functional

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**Best Practices**

**Best Practice 1 Title: Digital Transformation** Context : Covid - 19 lock down period and blended learning. Indian Academy Degree- Autonomous, in its pursuance in the path of excellence learns from other institutions, research organizations and eminent educationists, draws inspiration and cultivates new practices which would reinforce all quality initiatives for the institution. This year Digital Transformation was taken as one of the best practices, which would bring down utilization of stationary materials and increase the speed efficiency of the system. Objective : • The idea of digital transformation of the institution is of utmost importance in view of the utilization of ICT facility and technology in Teaching-Learning Process • To move towards a more digitalized administrative Teaching-learning process and documentation system • To implement blended learning Practice: The faculty members had two days of training in Google - Suite. After the training the faculty members had to undertake online test for certification. All the faculty members have implemented the digital training in conducting online classes, assignments and evaluation methods. Obstacles faced: • Sometimes, due to technical issues, minimum probability of interruption in online classes • Start-up troubles to have a smooth functioning Impact of the practice: Due to digital transformation initiatives, the whole institutions' administrative work is carried out in the digital platform. Resources required: Procured the required software for digital transformation

**Best Practice 2 Title: Girls Scholarship** Context : In the current scenario of women empowerment, the institution came up with an initiative to encourage and help the female students in the campus Objective : The key objective of this scholarship is to financially support the girl students coming from economically weaker families to enable them to continue their higher education. The scholarship aims to support meritorious girl students who are the only girl child of their parents. The scholarship aims to empower young girls with skills, self-confidence and knowledge thereby enabling them to contribute to the development process. Practice: Based on the observation, the number of girl students from financially weaker section being a sizeable number, the college has taken step to increase the number of girls

scholarship from 5 to 15 this year. In the years to come the number of girl students benefitting from this scholarship will be on the rise by mobilizing our alumni to contribute towards such academic endeavours. The girl scholarship is in addition to the already existing Merit Merit-cum-mean scholarships, which is in existence from 2012. Obstacles faced: • As of now, the number of girls' scholarships are limited • in the years to come, number of students receiving such scholarships has to be increased Impact of the practice: This scheme will definitely attract a good number of girl students enrolling into the campus.

This will positively motivate the girl students to pursue higher education  
Resources required: Financial support from management and additional sponsors

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.indianacademy.edu.in/current-students/student-development/best-practices/>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

In its existence of 25 years, Indian Academy Degree College- Autonomous has grown from strength to strength consistently and has turned out to be an autonomous institution from 2016. In spite of the challenging and changing educational environment, our college has withstood the test of time in offering nine undergraduate programmes in science, in addition to Commerce, Computer-Science, Management and Humanities. The college has created a research culture among the students and staff by nurturing scientific temperament among the student and creating opportunities for innovation and creativity especially in the field of Life Sciences. It has created its own institutional research policy by offering seed grant money to faculty members to carry out pilot studies minor research projects. The science departments now regularly apply for KSCST student's projects and carry out successfully. The Star College Programme Sponsored by the Department of Biotechnology, New Delhi, has created greater enthusiasm especially among the Undergraduate students who are involved in practical and curriculum related projects beyond classroom learning. Funding from VGST, Government of Karnataka has enkindled the Spirit of innovation and inquisitive nature, creating excellent ambience in the departments of Science. The incentives provided for publishing research articles in nationally and internationally reputed peer reviewed journals as well as UGC recognised journals are a great impetus to the teaching fraternity.

Provide the weblink of the institution

<https://www.indianacademy.edu.in/current-students/student-development/institutional-distinctiveness/>

### 8.Future Plans of Actions for Next Academic Year

• More number of Departments to get actively involved in research activities. • To continue to organize FDPs Workshops that enhance quality in all academic activities. • To move from Autonomous College status to Deemed to be University Status. • To introduce new disciplines /subjects in line with the changing industrial scenario and need. Having achieved Autonomous and Star College status, the institution plans to advance to the next level, that is Deemed to be university. The college management has plans to put up additional infrastructure for building up research centers. Once the infrastructure is made available, the college plans to expand horizontally in the number of Research Centers and programmes offered like, BBA in Aviation management, B. Sc Analytics, M. Sc Analytics. The institution aims at promoting a research culture within the campus. Recruiting Ph. D holders into the system and motivating members of the

faculty to pursue research in their respective areas of specialization, thereby increasing the number of Ph. D holders in the institution from 30 to 85 in the next 5 years is the first step in this direction.