

Annual Quality Assurance Report
(AQAR)

JUNE 2017 – MAY 2018

Submitted by

Internal Quality Assurance Cell



Dr. N.G.P. Arts and Science College (Autonomous)

Affiliated to Bharathiar University, Coimbatore

&

Approved by the Govt. of Tamil Nadu

Re-accredited by NAAC with “A” Grade

Dr. N.G.P. Nagar, Kalapatti Road, Coimbatore – 641048

Ph: (0422) 2369220, 2369262, 2369253

Email: drngparts@kmch.ac.in

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Dr. N.G.P. Arts and Science College
(Autonomous)

1.2 Address Line 1

Dr. N.G.P. Nagar

Address Line 2

Kalapatti Road

City/Town

Coimbatore

State

Tamil Nadu

Pin Code

641048

Institution e-mail address

drngparts@kmch.ac.in

Contact Nos.

0422 2369220, 2369262, 2369253

Name of the Head of the Institution:

Prof. Dr. V. Rajendran

Tel. No. with STD Code:

0422 - 2369220

Mobile:

96263 12233

Name of the IQAC Co-ordinator:

Dr. B. Rosiline Jeetha

Mobile:

9842870107

IQAC e-mail address:

iqac@drngpasc.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN14167

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(SC)/13/A&A/63.2 dated March 17,2016

1.5 Website address:

<http://www.drngpasc.ac.in/iqac.php>

Web-link of the AQAR:

[http://www.drngpasc.ac.in/iqac.php/AQAR 2016-17.pdf](http://www.drngpasc.ac.in/iqac.php/AQAR%2016-17.pdf)

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.76	2011	5 years
2	2 nd Cycle	A	3.17	2016	5 years

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

25/2/2011

1.8 AQAR for the year

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

- i. AQAR 2011-12 submitted to NAAC on 13-07-2012
- ii. AQAR 2012-13 submitted to NAAC on 27-01-2014
- iii. AQAR 2013-14 submitted to NAAC on 29-09-2014
- iv. AQAR 2014-15 submitted to NAAC on 01-10-2015
- v. AQAR 2015 –16 submitted to NAAC on 19-09-2016
- vi. AQAR 2016 –17 submitted to NAAC on 01-09-2017

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of 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 Status Grant-in-aid UGC 2(f) UGC 12B

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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

1.13 Special status conferred by Central/ State Government

UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input checked="" type="checkbox"/>		
University with Potential for Excellence	<input type="text" value="NA"/>	UGC-CPE	<input type="text" value="NA"/>
DST Star Scheme	<input checked="" type="checkbox"/>	UGC-CE	<input type="text" value="NA"/>
UGC-Special Assistance Programme	<input type="text" value="NA"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input type="text" value="NA"/>	Any other (Specify)	<input type="text" value="NA"/>
UGC-COP Programmes	<input type="text" value="NA"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers

8+1 (Principal) +1(IQAC Coordinator) =10

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

Nil

2.4 No. of Management representatives

2

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and Community representatives

2

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

3

2.9 Total No. of members

9

2.10 No. of IQAC meetings held

7

2.11 No. of meetings with various stakeholders:

No. 2

Faculty

14

Non-Teaching Staff

2

Alumni

1

Others

2 PTA

2.12 Has IQAC received any funding from UGC during the year? Yes

No

If yes, mention the amount

NA

2.13 Seminars and Conferences (only quality related)

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

Total No.

2

International

-

National

-

State

-

Institution Level

2

(ii) Themes

Rubrics Assessment

2.14 Significant Activities and contributions made by IQAC

- Preparation of AQAR
- Preparation of IQAC newsletter
- Implementation of Outcome Based Education (OBE)
- Rubrics Assessment
- SWOC Analysis and evaluation of the departments
- Conduct of Value Added Courses
- Implementation of ICT Learning methods intensively
- Conduct of Academic Audit and Social Audit
- Establish of MOOC, Vocational Educational Centre
- IQAC and Department Newsletter.
- Maintenance of data.
- Guidelines for department activities
- Feedback
- Participation in NIRF and ranked 91st among college category in 2018.
- Nodal resource centre, Spoken Tutorial, IIT Bombay
- NPTEL Local Chapter Establishment.
- Value virtual lab- Amrita University.
- Introduction of diploma courses.

2.15 Plan 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	Achievements
To implement rubrics assessment in internal marks	Implemented rubrics in internals
Planned to implement one of the rubrics assessments as online.	Implemented.
To conduct General Awareness exam through online.	Achieved.
To orient teachers for using flipped class rooms	Orientation has been given. Staff members have used one chapter in all courses as flipped class room teaching
Orientation for non-teaching staff	Non-teaching staff were given training. Course in Accounting and Tally. This enabled them to manage all the accounts

	efficiently
Initiation of new programmes	B. Sc. Chemistry, Ph. D. Mathematics, Ph. D. Tamil
Strengthening placement and career Counseling.	Soft skill training programmes were conducted. More students were placed
Planned to certify more no. of Staff and Students in NPTEL certifications.	359 NPTEL certificate are completed by Students and Staff

*** Attach the Academic Calendar of the year as Annexure.**

2.16 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate Any other body

Provide the details of the action taken

The Internal Quality Assurance Cell has been instrumental in carrying out the action plan chalked out at the beginning of the academic year. Majority of the plans have been executed successfully by the end of the academic year.

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
Ph. D	10	-	10	-
PG	14	-	14	-
UG	26	1	26	1
PG Diploma	5	3	5	-
Advanced Diploma	-	-	-	-
Diploma	7	5	7	-
Certificate	6	2	6	-
Others	-	-	-	-
Total	68	11	68	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: **CBCS**

(ii) Pattern of programmes:

Pattern	Number of programme
Semester	74
Trimester	--
Annual	---

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.

- In Outcome Based Education, the Rubrics assessment in internal component was added
- The online exam was conducted for general awareness
- The revision in extra credits was made

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

- B.Sc. Chemistry
- Ph. D. Mathematics
- Ph. D. Tamil

Criterion – II
2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
294	258	10	26	-

2.2 No. of permanent faculty with Ph.D.

56

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

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
223	-	22	-	19	-	-	-	264	-

2.4 No. of Guest and Visiting faculty and Temporary faculty: NIL

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	56	142	26
Presented	42	154	18
Resource Persons	NIL	9	20

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

ICT – Information and Communication Technology

2.7 Total No. of actual teaching days:

180

During this academic year

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

- Online examination in multiple Choice questions were implemented .
- Photocopy of answer script are issued to students on request.

2.9 No. of faculty members involved in curriculum Restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

All the faculty members are involved in the curriculum restructuring and syllabi revision

2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	1657	275	857	359	19	91.76
PG	345	109	204	11	0	93.91

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

- The Internal Quality Assurance Cell has been instrumental in carrying out the action plan chalked out at the beginning of the academic year.
- Conducting unannounced tests, announced test, Model exam, seminar and PPT presentation as per benchmark defined by the academic council
- Using of Modern Teaching Methods
- Identifying slow learners and guiding
- Monitoring is done through staff appraisal and students feedback

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	1
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	16
Faculty exchange programme	2
Staff training conducted by the university	--
Staff training conducted by other institutions	14
Summer / Winter schools, Workshops, etc.	45
Others	--

2.14 Details of Administrative and Technical staff

Category	No. of Permanent Employees	No. of Vacant Positions	No. of permanent positions filled during the Year	No. of positions filled temporarily
Admin Staff	32	Nil	Nil	Nil
Technical Staff	37	Nil	Nil	Nil

Criterion – III

3. Research, Consultancy and Extension

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

- To initiate further Research activities through the Centre for Research.
- To encourage faculty to produce for number of Major and Minor projects.
- To encourage faculty for consultancy work

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	2	-	-
Outlay in Rs. Lakhs	4600000	2800000	160000	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	10	5	-	-
Outlay in Rs. Lakhs	195000	2635000	-	200

3.4 Details on research publications

	International	National	Others
Peer Review Journals	45	11	-
Non-Peer Review Journals	-	-	-
e-Journals	35	12	-
Conference proceedings	5	16	12

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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	3 yrs	ICMR	28,00,000	-
Minor Projects	1 yr	DST, UGC	13,15,000	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by	-	TNSCST	70,000	70,000

<i>the University)</i>				
Any other(Specify)	-	-	-	-
Total			41,85,000	70,000

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SA CAS DST-FIST DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	5	1	-	-
Sponsoring Agencies	-	ICSSR, Self Funding	ICSSR	-	-

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College

Total

3.16 No. of patents received this

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

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
6	--	2	4	---	--	--

3.18 No. of faculty from the Institution who are Ph.D. Guides

And students registered under them

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 State level

National level International level

3.22 No of students participated in NCC events:

University level State level

National level 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

3.25 No. of Extension activities organized:

University forum

College forum

NCC

NSS

Any other

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

- Health awareness programmes and camps
- Traffic Control through Road Safety Patrol (RSP)
- Blood Donation through Youth Red Cross (YRC)
- Awareness programmes through Rallies
- Talking book library for the benefit of the visually challenged

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	7.41	-	-	-
Class rooms	116	16	-	133
Laboratories	22	1	-	23
Seminar Halls	5	5	-	10
No. of important equipments purchased (\geq 1-0 lakh) during the current year	-	4	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	1747546	Management	1747546
Others	-	-	-	-

4.2 Computerization of administration and library

- Fully Computerized (Administration) and
- Fully Computerized (Library)
- Orientation programme of usage of interactive with white board

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	29806	9388856	1442	711932	31248	10100788
Reference Books	2010	3392221	110	165217	2120	3557438
e-Books	31000000+ e books & 6000+ e journals					
Journals	224	402241	Subscription Renewed	402241	224	402241
Digital Database	1	200000	1	800000	2	10,00000
CD & Video	1457	-	200	-	1657	-
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept.
Existing	1117	14	15 Mbps	1	--	2	27
Added	250	--	35 Mbps	---	--	—	09
Total	1367	14	50 Mbps	1	--	--	36

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

On line test for rubrics assessment and general awareness course
--

4.6 Amount spent on maintenance in lakhs:

i) ICT	67.37
ii) Campus Infrastructure and facilities	627.42
iii) Equipments	45.13
iv) Others	-
Total:	739.81

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC providing guidelines for the enrichment of academic development through to conduct **7 FDPs** on all faculty members.
- Orientation is given to the first year students by the IQAC Co-ordinator on all the students support services
- Feedback is collected from students on various students support services at the end of the year due consideration
- Remedial coaching is given to slow learner

5.2 Efforts made by the institution for tracking the progression

- Collecting Feedback mechanism from Students, Parents, Alumni and to conduct exit interview for the outgoing students. After that their views implemented immediately for the next academic year by the regular follow up for Principal.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others(M. Phil)
5681	781	110	57

(b) No. of students outside the state

(c) No. of international students

No	%
3014	45

Men

No	%
3615	55

Women

Last Year(2016-2017)							This Year(2017-2018)						
Gen	SC	ST	OBC	Other	Physically Challenged	Tot	Gen	SC	ST	OBC	Other	Physically Challenged	Tot
534	101	2	28	1766	2	2433	186	113	06	2293	16	2	2614

Demand ratio: 1:1

Dropout: 2.29%

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

- Exclusive coaching is given to UPSC aspirants through IAS Academy
- On-line model banking exams are conducted for students through Centre for E-learning
- Departments conduct special coaching classes for students at sixth hours
- Placement cell organized various activities regularly

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance:

- Individual attention provided for all students to enrich the academic and moral values.
- Career guidance Programme conducted periodically for the development of the students.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
35	5769	928	161

5.8 Details of gender sensitization programmes

- ✓ Women's Forum conducted awareness programmes regularly.
- ✓ Collaboration with Rotary Club and NSS
- ✓ We conducted awareness programme about Drug abuses.
- ✓ A Week programme is conducted on breastfeeding awareness

5.9 Students Activities

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

State/ University level 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

Source of fund	Number of students	Amount
Financial support from institution	2324	15532203
Financial support from government	154	572620
Financial support from other sources	--	--
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

5.13 Major grievances of students (if any) redressed:

- The Class Committee Meeting convened twice in every Semester enables to take steps relating to courses and grievances of the students.
- Suggestions on curriculum and teaching –learning-evaluation are obtained through interaction and constructively used in future. The committee takes initiative to implement the appropriate suggestion of the students to serve the students in the best possible way

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

- To instil character in the minds of the students by providing Value Based Education to manifest the perfection already in them and to enable them to excel by providing Quality Higher Education and Research opportunities on par with International standards.

Mission

- To provide Quality Education, Training and Research facilities to the students of our nation and the world.
- To inculcate ethical, moral and social values in the minds of educators and students and also to motivate and nurture co-operation, tolerance and mutual respect in our nation of diversity

6.2 Does the Institution has a management Information System

Yes (Computer automated)

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

6.3.1 Curriculum Development

- Value Added Courses are conducted for students
- Focusing on Skill Development of students
- Imparting Soft Skills for Employment

6.3.2 Teaching and Learning

- As per University and UGC norms

6.3.3 Examination and Evaluation

- ICT enabled learning
- Group Discussions, Debates, Seminars, Quiz are conducted
- Library Assignments are given

6.3.4 Research and Development

- Research activities are promoted through Centre for Research
- FDPs / Orientation programmes are conducted frequently
- Received Grants for Major/ Minor projects from various funding bodies
- Financial Assistance is provided to Faculty by the Management

- Wi-Fi connection is provided
- Lab and Library are upgraded with new software and systems

6.3.6 Human Resource Management

- Faculty Members are involved in various teaching and administrative activities

6.3.7 Faculty and Staff recruitment

- As per UGC guidelines
- Management recruits faculty as per the need and demand

6.3.8 Industry Interaction / Collaboration

- MoUs signed
- Alumni placed in industry are invited to campus

6.3.9 Admission of Students

- As per University guidelines

6.4

Teaching	<ul style="list-style-type: none"> ➤ Fee concessions for the wards of staff ➤ Maternity leave ➤ Staff tour once in a year ➤ 50% Concessions in ➤ Kovai Medical Centre Hospital(our sister concern)
Non teaching	<ul style="list-style-type: none"> ➤ Free Transportation ➤ EL ➤ 50% Concessions in ➤ Kovai Medical Centre Hospital(our sister concern)
Students	<ul style="list-style-type: none"> ➤ Accidental Insurance for the students ➤ Fee concessions for meritorious students ➤ Fee concessions for Sports Students

Welfare schemes for

6.5 Total corpus fund generated

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	Yes	Yes	--
Administrative	No	--	Yes	--

6.8 Does the University/ Autonomous College declare 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?

- Outcome based Education was introduced
- Rubrics based Internal Assessment pattern is followed

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

- Facilitates to get autonomy

6.11 Activities and support from the Alumni Association

- Alumni Association Endowment – **1,94,453**
- Alumni Meet is conducted every year
- Career counseling and placement training for motivating students to pursue higher studies, research and placement

6.12 Activities and support from the Parent – Teacher Association

Parent Teachers Meet conducted two times every year

6.13 Development programmes for support staff

- Orientation programme on basic communication skills
- Awareness programme on Health and Nutrition

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

- Initiatives are taken for Green Campus
- Functioning of Eco Club
- Plantation of Saplings
- Conducted awareness programme through NSS in collaboration

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.

- Entrepreneur Development Cell is established to guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, information on technologies, etc.
- Centre for E-Learning offers online courses and services to the students & teachers.

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

- Conducted Community Engagement Programmes on Health awareness.
- Created awareness on E-Waste Management and solar energy.
- Aptitude Coaching for the final year students on a continuous basis

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

- Friday Assembly
- Flipped Class Room

*** Provide the details in Annexure I**

7.4 Contribution to environmental awareness / protection

- Green Campus initiatives through Eco club and NSS

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution. (For example SWOC Analysis)

Strengths – Achievements

- A Center for Research has been established in order to help the faculty to get financial assistance from funding agencies such as UGC, DRDO, ICMR, ICSSR, CSIR, DST, DBT and TNSCST
- Bridge courses and remedial teaching sessions are conducted for the students to improve academic performance.
- Regular orientation programs for staff and students are conducted.

- The College encourages the faculty to attend seminars, workshops, conferences and faculty development programs and extends financial assistance for the same.
- The college provides state-of-the-art infrastructural facilities with adequate class rooms fully equipped labs, well stocked library with sufficient data bases of periodicals reference books, text books, journals, magazines, online resources, back volumes and e-learning facilities.
- Networks with Professional Bodies and Chapters are established for the active participation of students and faculty members for enhancement of their knowledge.

Weaknesses

- Difficulties arise in getting more paid consultancy assignments from the Institution.
- Lack of sufficient Patents and Copy Rights for the research work.

Opportunities

- Consistent Management support.
- Introduction of more courses with industry certification.
- Autonomy for product diversity.
- To revamp infrastructure periodically to meet growing student strength and additional programmes.
- Opportunities to have more intellectual and infrastructural facilities.
- Better placement opportunity since Coimbatore is an industrial hub.

Challenges

- To promote awareness intellectual property rights.
- To control the dropout rate.
- To obtain more funded projects.
- To develop the communicative skill and assertiveness among students.
- To instil virtual learning and to attract more international students.

BEST PRACTICE

1. FRIDAY ASSEMBLY

Objectives of the Practice

To act as an institutional mechanism for providing various platforms including information on all aspects towards holistic growth of the Students

Evidence of Success

- The Students are encouraged to come in uniform on all Fridays.
- Students are given opportunities to cultivate the habits such as Punctuality, Uniformity, Speaking Skills etc.,
- State, National and International news are read during the Assembly
- Every department is given opportunity to conduct assembly ever week

2. FLIPPED CLASS ROOM

The main goal of a flipped classroom is to enhance student learning and achievement by reversing the traditional model of a classroom, focusing class time on student understanding rather than on lecture. This allows class time to be devoted to expanding on and mastering the material through collaborative learning exercises, projects, and discussions. Essentially, the homework that is typically done at home is done in the classroom, while the lectures that are usually done in the classroom are viewed at home.

Self-paced learning

When students prepare their class, they can work whenever they want and take whatever time it takes to finish (as long as it's before the deadline).

Dive deeper into subject

When students have a basic knowledge about a certain subject, you can dive deeper into the learning material. You can offer more learning material to students who are looking for a challenge.

Better prepared (you know the results and statistics)

Students can follow courses where teachers put on homework students have to prepare. Teachers are able to track the progress of students and view their results. This makes it possible to have a clear idea of what the struggles are of your students and see what students struggle the most. Furthermore, it allows teacher to identify errors in thinking or concept application.

Lectures can be reused

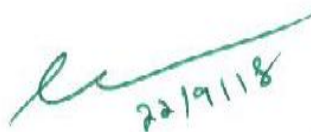
It can take a lot of time to prepare homework for students. But once you got it all, it's easy to re-use your lectures for next year.

8. Plans of institution for next year

- To implement the suggestions provided by the NAAC Peer Committee.
- To obtain NIRF ranking 2018 in top 50.
- To start M. Sc. Physics in 2018-19.



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Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission