

Department of Business Administration

**Overall Observation and Remarks about the Department:**

a) Curriculum Design

Outcomes Based Education (OBE) curriculum has started for the Department but has to be completed. Project work and internship (online/offline) to be introduced. Innovation with current industry trends to be incorporated.

b) Research culture

There are 4 PhDs in the dept. They can apply for guideship and have research department. Many papers are published but department can host its own international conference.

c) Infrastructure Adequacy

Good infrastructure. Only technology (exclusive LCD projector and updated software in computer) to be provided.

d) Teacher Quality

4 members out of 7 have PhD. The quality of teachers is very good. Others are encouraged to clear SET/NET or PhD. The teachers have been encouraged to produce their own e-content and online materials.

e) Administrative Method

Excellent methods are being adopted and mostly all is centralized. Association fees can be collected along with college fees.

**Recommendations of the Expert Committee:**

The department is encouraged to go for MBA programme as that is the need of the hour as most of the engineering colleges are winding up MBA. Research conferences have to be organized. Students want inter college conferences and industrial visits.

I feel overall the staff and students are very happy with the college and it is a welcome trend.

**Dr. MICK**      **PREMKUMAR**  
Head & Associate Professor  
Associate Dean-International Relations  
PG & Research Dept. of Management Studies  
Bishop Heber College (Autonomous)  
Tiruchirappalli- 620 017.



# National College

(Autonomous)

College with Potential for Excellence

Nationally Re-accredited at 'A+' Grade by NAAC

A Unit of Dr.V. Krishnamurthy Educational Foundation



Tiruchy - Dindigul Road, Karumandapam, Tiruchirappalli - 620 001

## DEPARTMENT OF BUSINESS ADMINISTRATION

Action Taken Report (2021-2022)

07.11.2022

### 1. Curriculum Design

- New Curriculum and PO Mapping are implemented.
- Project and Internship introduced for the academic year 2022-2025

### 2. Research Culture

- Minor Research Project granted for our department 3 staff members (Dr.R. Thirugnanasoundari, Dr. M. Chandra, Dr. G. Rajesh) by our college management.
- ICSSR awarded two-day national level seminar on January (5<sup>th</sup> & 6<sup>th</sup>) 2023 to Dr.G.Rajesh sanctioned the sum of Rs.60000/-
- TANSCHÉ – Illam Thedi Kalvi One day state-level one day workshop organized on 20<sup>th</sup> April, 2022 appreciated by Tamilnadu Education Minister Hon.Mahesh Poyimozhli.
- One day state-level workshop in collaboration with Department of Botany & Chemistry organized entitled Entrepreneurial Development on August, 2022.

### 3. Infrastructure Adequacy

- A new Computer System is issued to the department.
- Awaiting for LCD Projector exclusive for the department.

### 4. Teachers Quality

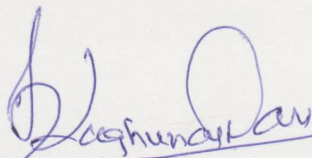
- 6 out of 7 are Ph.D. Scholars are in the department.
- Students are provided and motivated through online teaching materials.

### 5. Administrative Methods

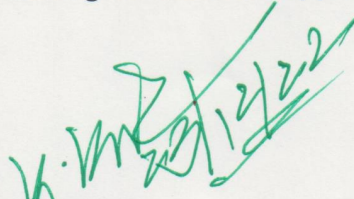
- As per the Management Decision the association fees are not encouraged.

### 6. Expert Committee

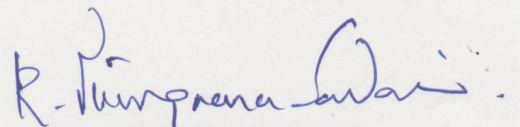
- MBA Programme – Waiting for the AICTE approval.



Secretary



Principal



Head of the Department

Head  
Department of Business Administration  
National College (Autonomous)

## Department of Biotechnology and Microbiology

**Overall Observation and Remarks about the Department:**

## a) Curriculum design

The Biotechnology curriculum is DBT specified and so is standard and nationally recognized.

## b) Research Culture is great!

The diversity of specialization of the faculty and their research backgrounds add to the richness. This has made significant strides in research output publications, impact factor, etc.

## c) Infrastructure Adequacy

Greatly taken care of. There is scope for expansion and improvement.

## d) Teacher Quality

Teacher quality and teaching standards are the most prominent positive drives that attract students.

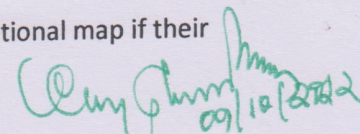
## e) Administrative Method

The HOD and faculty engage in participating collective leadership and administration. This is researchable in transparency and effectiveness.

**Recommendations of the Expert Committee:**

- 1) The Management could earmark Seed money of Rs. 2-3 lacs for a time-bound productivity-based research with clear targets of publications. This will enhance their research being translated into publication output, making them eligible for grants from agencies.
- 2) Shift 2 students are curious to be given equal opportunities as Shift 1 students are organizing competitions, participating in NCC/NSS, etc.
- 3) Advance Software required for enhancing the effectiveness of delivery and skills in bio-informatics.
- 4) A dedicated lab for bioinformatics would be a great boost in training the staff and students in current and emerging technologies related to teaching deliverables- such as AL,AR,VR etc. The facility will help in publications too.
- 5) The department has 2 UG + 1 PG programs. But the number of labs for this modern science branch is hugely limiting. Lab facility requires expansion.
- 6) The Department of Biotechnology is one of the 34 centers of PG Teaching. But that status is not matched by the facility. The Research scholars need working space. They and the teachers and guides require cabin space. The staff room could be air-conditioned to enhance sustained long hours of working and stay in the Department.

The Team of staff and scholars will put National College on the international map if their workplace needs, as listed above, are fulfilled.



Dr. MELCHIAS GABRIEL  
Deputy Principal  
LOYOLA COLLEGE  
Chennai - 600 034.

தேசிய கல்லூரி (தன்னாட்சி)

**National College (Autonomous)**

(College with Potential for Excellence)

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Tiruchirapalli - 620 001, India.

(P)0431 - 2482995

(F)0431 - 2481997

www.nct.ac.in



**Dr. M.S. Mohamed Jaabir**

M.Sc., M.Phil., Ph.D.,

Associate Professor & Head

Coordinator, DBT-PG Teaching Program

Department of Biotechnology & Microbiology

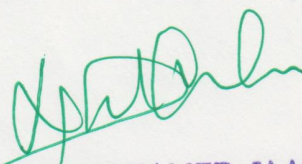
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mohamedjaabir@nct.ac.in

**ACTION TAKEN REPORT WITH REGARD TO THE CONDUCT OF  
ACADEMIC AUDIT (2021-2022) ..**

1. Seed Money for research in the name of Institutional Research Grant was installed by the College Management. Two of our faculty, namely, Dr. G. Rohini, Associate Professor, and Ms. K. Varuna, applied for it and got the grant selected/approved. At the earliest seed money will be utilized to carry out productive research activity resulting in high-impact publications. Few research articles are in the pipeline and also many proposals have been submitted by our faculty for various funding agencies under the schemes available.
2. Some of the proposals submitted by Dr. J. Sivakamavalli have been selected for funding by DST-SERB under Power Grant and also to conduct National Conference in the area of Structural Biology.
3. We are already providing good opportunities and academic accessibility to shift II students. Shift II students are being given adequate opportunities in organizing and participating in several academic and extracurricular activities. Many academic and co-curricular & extra-curricular programs are being organized commonly to promote the participation of both shift - I and shift - II students.
4. An exclusive bioinformatics lab has been identified and priority is being given to utilization of the facility for the Biotechnology & Microbiology students to learn various application tools and also to carry out project works. Plans are underway to improve the existing infrastructure facility at the Bioinformatics lab.
5. New area has been earmarked for the expansion of the existing laboratory facility to accommodate the students in UG & PG programs in the department for both teaching and research activities.
6. Work space for faculty has been considerably improved and separate cabins are expected to be completed with the establishment of the new laboratory and classrooms for the existing UG & PG programs in the department.
7. Plans for air-conditioning the staff-room have been accepted by the management and works are expected to be completed along with the expansion of the department laboratory & classrooms.

  
**Dr. M.S. MOHAMED JAABIR**  
Head  
Department of Biotechnology, and Microbiology  
National College (Autonomous)  
Tiruchirapalli - 620 001.

Department of Botany

Overall Observation and Remarks about the Department:

a) Curriculum Design

- Offers UG, PG and research programmes like M.Phil and PhD
- Curriculum is revised once in every three years to meet the local needs of the students.
- Encourages students to join MOOC, NPTEL courses.
- Courses offered give employability and entrepreneurship opportunity for the students.
- As a part of curriculum, students are encouraged to take part in the extension activities such as mushroom cultivation and medical garden creation.

b) Research Culture

- Faculty members are PhD supervisors with specialization in various fields.
- Laboratory facilities for doing research are available in the Department.
- A computer Lab with internet facility is available for the research scholars.
- Faculty members publish articles in journals with impact factor also.

c) Infrastructure Adequacy

- ICT facility is available in classrooms for teaching.
- Adequate research lab - Microbiology, Molecular Biology and plant tissue culture- facilities are available for the research scholars.
- General Library issue books needed for the Students.
- Seminar hall, Gymnasium and Indoor stadium are available for various activities.

d) Teacher Quality

- Well qualified teachers with Doctorate degree
- Faculty use ICT facility for teaching.
- Faculty members conduct various seminars, conferences, workshops etc.
- Faculty members act as Resource persons.
- Faculty members empower themselves by attending refresher courses, short term courses conferences, FDP, etc.
- Guide students leading to M.Phil., Ph.D. degree.

e) Administrative Method

- All the faculty members take up administrative and social responsibility from time to time.

### Recommendations of the Expert Committee:

- Steps should be taken to map curriculum.
- Feedback from the stakeholder should be taken and analyzed to take action.
- Students should be sensitized about the evolution reforms.
- Smart class rooms are needed.
- Students should be encouraged to participate in various extension activities.
- Alumni association should be strengthened
- Coaching classes should be conducted for UPSC civil services, NET/SLET and competitive examinations.
- Hostel facilities should be improved.
- The Department should monitor and analyse the progression of the students.
- Mushroom cultivation programme and Medical garden maintained by the department can be strengthened and expanded by funding.

*P. T. Devarajan*

Dr. P.T. DEVARAJAN, M.Sc., M.Phil., Ph.D.,  
Associate Professor  
Dept. of Pl. Bio. & Pl. Biotech.,  
Presidency College (Autonomous),  
Chennai - 600 005, Tamil Nadu, India.





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## PG & RESEARCH DEPARTMENT OF BOTANY

(DST-FIST sponsored Department)

(Supported under DBT-STAR College Scheme)

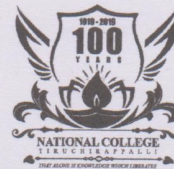
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botany@nct.ac.in



**Dr. B. Muthukumar**  
Head of the Department

### FOLLOW-UP MEASURES INITIATED TOWARDS THE ACADEMIC AUDIT REPORT 2020-21 AND 2021-22

S. No.	Recommendations of the Expert Committee	Action Taken
1.	Steps should be taken to Map Curriculum	It is planned to invite (2 or 3) Experts in the Field of Botany and to have a workshop on Mapping the revised Curriculum. The mapping of the syllabus will be completed at the earliest.
2.	Feedback from stakeholders should be taken, analyzed and take action if required.	As of now, feedback is received only from the current students and necessary steps are taken as per requirement. Initiatives are now taken to get feedback from other stakeholder of the department like Parents and Alumni to enrich the Teaching-Learning experience of the students and staff.
3.	Students should be sensitized about the evaluation reforms.	The students are frequently updated with the Objectives, process and functioning of higher educational institutions especially with special reference to examination reforms. HoD and Tutor In-charges of respective classes do sensitize the students regularly on necessity and purpose or reformations that happen in Higher Education. Experts from outside are also invited to address our students on this.
4.	Need for Smart Class rooms and Students should be encouraged to participate in various Extension activities.	Botany is the only department in the entire campus to have LCD projection and Internet facility in all the classes and Labs. A dedicated Computer lab with internet connectivity and Printing aids are available for students. Free Wi-Fi connectivity is also available for the students across the department.  With regard to the participation of students in extension activities, the respective Tutor In-charges make sure that every UG student has enrolled himself/herself in any of the one of Clubs/Associations/NCC or NSS available in the College. Our students also actively participate in the extension activities frequently and have brought laurels to the Department as well to the College.



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## PG & RESEARCH DEPARTMENT OF BOTANY

(DST-FIST sponsored Department)

(Supported under DBT-STAR College Scheme)

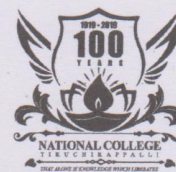
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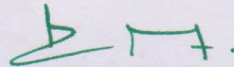
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botany@nct.ac.in



5.	Alumni Association should be strengthened.	A Teaching staff member of the department is dedicated exclusively for the Alumni Connect. The staff in-charge coordinate with the alumni and make sure that many of the alumni participate in the College Annual Alumni Meet which takes place on every first Sunday on the Month of February. It is planned to have an exclusive annual alumni meet in department from the forthcoming years.
6.	Coaching classes should be conducted for UPSC/Civil Services, NET/SET and other competitive examinations.	Apart from the regular curriculum which was designed based on the Competitive Examinations, interested students are motivated and guided by the staff members of Botany to join the NCT Civil service academy and other coaching classes organized by the Staff members of different Life Science Departments. Faculty members of Botany are also engaged in handling classes with regard to NET and SET preparation for students. Beyond that seminars on Life Skills and Personality Developments are organized atleast twice a year exclusively for the students of Botany.
7.	The department should monitor and analyze the progression of the students.	The Tutor- Ward system is implemented effectively in the department of Botany.
8.	Mushroom Cultivation programme and Medical Garden Maintenance by the department can be strengthened and expanded by funding.	Necessary steps are taken to establish a Green House Facility in the Botanical Garden and also to enrich the Garden. Proposals are submitted by the members of Faculty to various funding agencies in this regard.

  
Dr. B. MUTHUKUMAR, M.Sc., M.Phil., Ph.D., B.Ed.  
Associate Professor & Head  
PG & Research Department of Botany  
National College (Autonomous)  
Tiruchirapalli-620 001, Tamil Nadu, India.



Department of Chemistry

**Overall Observation and Remarks about the department:**

a) Curriculum Design

\* Open course work viz: 1. Agriculture Chemistry & cosmetic chemistry need special appreciation as they cater to the requirements of students as a multi-disciplinary aspect.

\* Productive Inter departmental activities to be promulgated for eg: Mushroom cultivation training offered to chemistry students and cleansing product preparation offered to Botany students.

b) Research Culture

\* R. Jayaraman Endowment CSIR/GATE preparation is a positive move to encourage competent students to undergo coaching. Selection made on the basis of entrance examination is the highlighting point.

\* DBT Star scheme Activities are carried out in an effective and perfect manner to encourage the scientific quest among the students.

c) Infrastructure Adequacy

\* Sophisticated instrumentation center with high end equipment needs special mention. Adequate consultancy is offered. Maintenance and operation of the equipment is done systematically.

\* Ample supply of glassware and chemicals for student practicals is a positive acclamation.

d) Teacher Quality

\* All faculty members are to be fully appreciated for their commitment, qualification with a very good rapport amongst themselves.

\* Faculty are observed to be student friendly.

e) Administrative Method

\* Conventional way of documentation is noted.

\* Effective laboratory practices like wearing overcoat and goggles are followed by students through able guidance of faculty.

**Recommendations of the Expert Committee:**

The following are strongly recommended by the undersigned for the upliftment and holistic performance by the institution / department.

\* Effective implementation of OBE pattern. eg. K levels, outcome mapping, rubrics indicators.

\* Inclusion of Job Oriented course/ Advanced Learners course (self-study)

\* Introduction of courses like Biochemistry as skill Based subject component replacing computer-based paper.

\* Enrichment of Infrastructure through development of E-content modules by establishment of E-studio.

- \* Mandatory inclusion of group project for final year UG students.
- \* Focus on MSc project for three months in the final semester and design offered courses in the curriculum flexibly.
- \* Provision of consultancy for the students of this institution at a subsidized rate.
- \* Requirement of placement coordinator department wise.
- \* Maintenance of reports for Department Association Activities.
- \* Attendance record for remedial coaching.
- \* Need of Department level library.
- \* Effective campus Management system.

*N.M. Andal*

**Dr(Mrs) N.Mathulakshmi Andal Msc., Ph.D**  
**Assistant Professor**  
**Department of Chemistry**  
**PSGR Krishnaswami College for Women**  
**Peelamedu**  
**Coimbatore - 641 004**

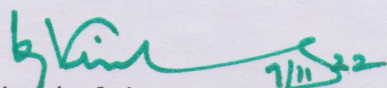
07.11.2022

**DEPARTMENT OF CHEMISTRY**

**NATIONAL COLLEGE (Autonomous), Trichy**

**ACTION TAKEN REPORT BASED ON ACADEMIC AUDIT (OCT-2021)**

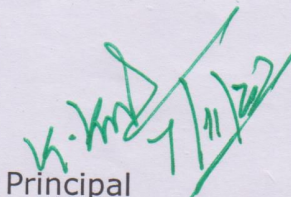
Mini project under DBT-Star college scheme for B.Sc., students were carried out by seven faculty members. 1. Dr. S. Sunitha, 2. Dr. D. Saravanan, 3. Dr. V. Renuga, 4. Dr. S. Arun Prabhu, 5. Dr. S. Muhamad Rafiq, 6. Dr. Jerald Maria Antony and 7. Dr. T. Paventhan. The reports have been submitted to the coordinator of the DBT-Star College Scheme. We have framed the new syllabi for UG and PG courses based on OBE pattern. We have removed the skill based elective papers desktop publishing, both theory and practical and instead, the following two new papers have been introduced for the students admitted after 2022 onwards. 1. Chemistry in everyday life, 2. Nano and clinical Chemistry. M.Sc. project with three months duration was found to be not feasible as of now since, we require more space in the lab. We are already providing service at NCIF subsidized rates for our students. Demonstration of the instruments in the NCIF lab is being done by Dr. D. Saravanan, Co-coordinator for NCIF. Dr. K. G. Sekar has been appointed as department placement coordinator for the current academic year (2022-2023). Endowment lecture in chemistry will be arranged in the name of distinguished persons like Dr. C. N. R. Rao and Nobel laureate Kailash Satyarthi. The Chemistry Department Association activities are being maintained very well by the Vice-President of the Chemistry Association. Attendance record is being maintained for remedial classes, which are being conducted in the afternoon session.



Head of the Department

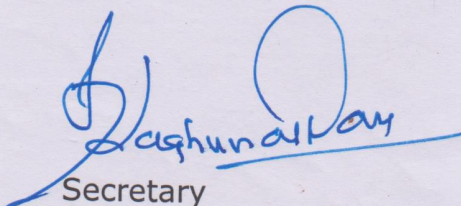
HOD

Department of Chemistry  
National College (Autonomous)  
Trichirappalli-01.

  
Principal

Principal

National College (Autonomous)  
Tiruchirappalli - 620 001.

  
Secretary

SECRETARY

National College (Autonomous)  
Tiruchirappalli-620 001.

Department of Commerce

**Overall observation and remarks about the Department:**

a) Curriculum Design

1. Provide flexibility in the choice of subject.
2. Curriculum focuses on employability, entrepreneurship and development.
3. Scope for cultivation of unique skills.
4. Overall curriculum design is good.

b) Research Culture

1. Conducting valuable research programme through research scholars.
2. Faculty members published many research papers in reputed UGC listed journals.
3. Overall Research culture is good.

c) Infrastructure Adequacy

1. Well-equipped department library.
2. Well-equipped class rooms.
3. General infrastructure is good.

d) Teacher Quality

1. Well Qualified teachers
2. All faculty members are involved in curriculum design.
3. Faculty members are well motivated and interact with the students in many programs.
4. Adoption of tutor-ward system and mentorship is good.

e) Administrative Method

1. A friendly administrative atmosphere.
2. Have seen coordination and cooperation of faculty members in the administration.
3. Administrative environment is good.

**Recommendations of the Expert Committee:**

1. Smart and ITC enabled class room is required for betterment of future development.
2. A separate computer Lab is essential for taking students into networking and E learning process.
3. More number of journals to be subscribed if the department wants more number of Ph.D. candidates to be admitted.
4. More number of full time research scholars to be admitted with infrastructure.

  
**Dr. A. KRISHNAN**  
M.Com., M.B.A.(OR), M.Phil., Ph.D.,  
Associate Professor  
PG & Research Department of Commerce  
Presidency College, (Autonomous)  
Chennai-600 005, Tamilnadu, (INDIA).



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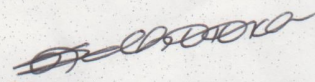
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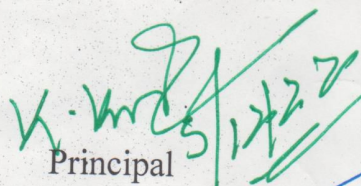
## PG & Research Department of Commerce

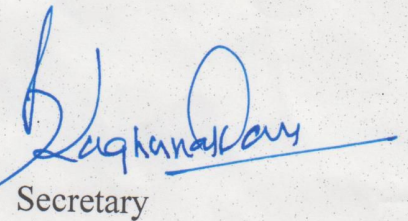
### Academic and Administrative Audit's Action Taken Report.

Action Taken Report as per the Recommendations of the Expert Committee.

1. A Classroom is dedicated as an ICT enable Classroom with Smart Board.
2. A Separate Lab may be arranged by requesting the College Management.
3. Request to be given to Librarian to Order more Number of Journals which will be useful for Research.
4. Final year PG Students may be encouraged to do Research (Full Time) leading to Ph D in Commerce.

  
Head of the Department

  
Principal

  
Secretary

Department of Computer Science /BCA/IT/B.Voc ICT

**Overall Observation and Remarks about the Department:**

a) Curriculum Design

1. The curriculum has been designed based on the guidelines on POs, PSOS and Cos.
2. Every teacher has played an effective role in the design of the curriculum.
3. The curriculum satisfies the requirements of the industry.
4. The students are also satisfied with the curriculum.

b) Research Culture

1. Two faculty members are actively involved in research.
2. 6 research articles have been published in UGC CARE Listed/Scopus indexed journals
3. One patent has been filed. One patent development is in progress. This is encouraging.

c) Infrastructure Adequacy

1. Adequate and sufficient infrastructure (computers, classrooms, etc.,)

d) Teacher Quality

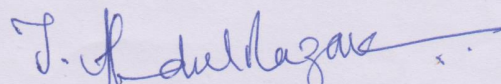
1. 4 teachers have obtained Ph.D. degree
2. Two teachers are SET qualified.
3. All the teachers are using ICI for their effective teaching (both for offline and online)
4. The teachers have attended FDPs, webinars and conferences to enrich and enhance their teaching quality.
5. The students are also satisfied by the teaching pedagogy of the teachers
6. Five awards have been received by three teachers.
7. Six University ranks have been obtained by the students.

e) Administrative Method

1. Regular Department meetings are conducted.
2. BOS meeting was held on 14/05/2019.
3. Tutor- ward system in place.
4. The Department maintains record of student attendance, assignments and CIA Test.
5. DRC meetings are conducted whenever required.

**Recommendations of the Expert Committee:**

1. More value-added courses may be added to the curriculum.
2. The teachers may be encouraged to qualify themselves with NET/SET/PhD.
3. The teachers may be motivated to carry out collaborative Research with other departments/institutions.
4. In order to encourage the teachers to file patents of their Research work, IPR related programs may be organized.
5. More books may be added to the department library.
6. A smart room may be provided in the department.
7. More placement training programs may be conducted.

  
Dr. T. ABDUL RAZAK  
Associate Professor  
Department of Computer Science  
Jamal Mohamed College (Autonomous)  
Tiruchirappalli - 620 020



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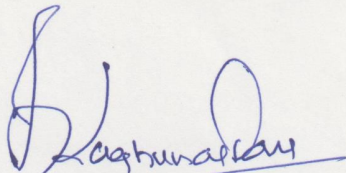
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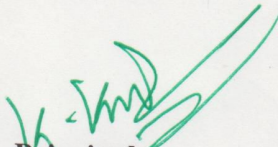
## PG & Research Department of Computer Science

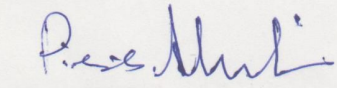
### Action Taken Report 2022

The following actions were added in the academic activities as per the recommendations of Expert Committee:

R-Programming Tool has been added as a Value added program. Computer Club has been conducted weekly once to improve the students programming and debugging skills. According to the revised syllabus, new books added in the Department Library. Workshop and seminars were conducted to improve the student's skills. One patent has been published by Dr.P.S.S.Akilashri, Head, Department of Computer Science. Projectors used in the Computer Lab for the effective programming sections. Students were motivated to register for online courses on skill development in various platform like SWAYAM, NPTEL and UdeMy. Students of Computer Science are encouraged to join in NASSCOM (skill development course). Another patent right is filled and waiting for the report by Dr.P.S.S.Akilashri, Head, Department of Computer Science.

  
Secretary

  
Principal

  
Head of the Department



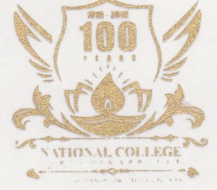
# National College

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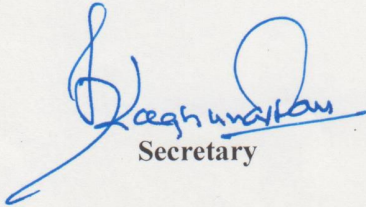
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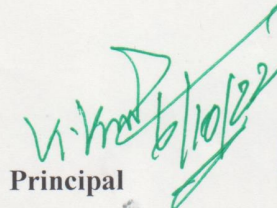
## Department of BCA

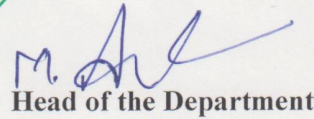
### Action Taken Report

The following actions were added in the academic activities as per the recommendation of expert committee.

Value added course namely Data Analytics is proposed to be introduced. Two staff members are pursuing PhD currently. One patent has been published, and one is under progress. According to the revised curriculum new books are added in the staff room library. Staff members are provided with Smart board and LCD projector to handle the classes effectively. Internship training is given to the students to improve the placements. Placement orientation training is also regularly provided to the students.

  
Secretary

  
Principal

  
Head of the Department



**Academic and Administrative Audit  
Department of Economics**

09/10/2021

**Overall observation and Remarks about the department:**

a) Curriculum Design

- \* Provide flexibility in the choice of subject.
- \* Curriculum focusses on employability, entrepreneurship and development.
- \* Scope for cultivation of unique skills.
- \* Feedback from the students should be collected to update and revise the syllabus.
- \* Overall curriculum design is good.

b) Research Culture

- \* All faculty members are doctorate.
- \* Faculty members publish articles in UGC listed journals.
- \* Research culture should be promoted. Workshop on research methodology courses should be conducted for PG, M.Phil. and PhD scholars.

c) Infrastructure Adequacy

- \* Smart class rooms and ICT enabled classrooms are not available.
- \* Separate class rooms are not available for M.Phil. and PhD scholars.
- \* Department Library is well equipped.
- \* Classrooms should be renovated

d) Teacher Quality

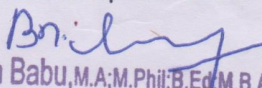
- \* Well qualified excellent faculty members.
- \* All faculty members involve in curriculum design.
- \* Faculty members are competent to handle the programmes.
- \* Faculty members attend refresher courses and are encouraged to attend FDP to improve their skills.

e) Administrative Method

1. Form and Monitor committees for the overall development of the institution.
2. Students are encouraged to participate in extension and sports activities.
3. Faculty members are encouraged to undertake projects and publish in research papers.
4. Documents should be the properly maintained.

**Recommendations of the Expert Committee:**

1. Mapping of curriculum should be done at the time of curriculum design.
2. Feedback of curriculum should be collected regularly and curriculum should be revised and updated.
3. Smart and ICT enabled class rooms and Seminar hall for Department of Economics should be provided. Classrooms should be renovated.
4. Placement cell should be strengthened.
5. Mentoring system should be encouraged.
6. Teachers should be encouraged to use ICT tools for teaching.
7. Research activities should be improved.
8. Purified drinking water facilities should be provided.
9. Contribution by Alumni to department of economics should be provided.
10. Students should be included in the committees formed by the department.
11. FDP on NAAC should be organized.
12. Faculty shortage. It should be filled by the administration.
13. Slow and advanced learners should be identified and special coaching classes should be conducted.

  
**Dr. N. Suresh Babu, M.A.; M.Phil.; B.Ed.; M.B.A.; Ph.D.**  
Associate Professor,  
PG & Research,  
Department of Economics,  
Presidency College,  
Chennai - 600 005.



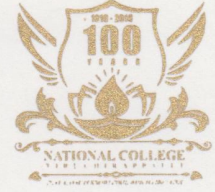
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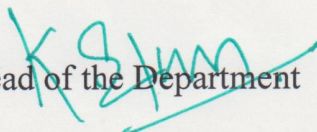


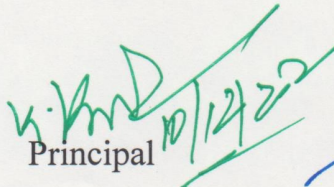
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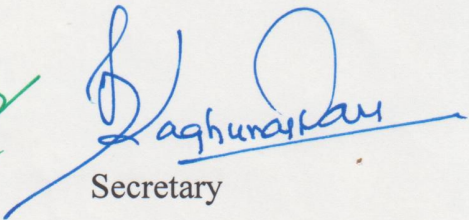
## DEPARTMENT OF ECONOMICS

### ACTION TAKEN REPORT

- Parents - Teachers meetings are conducted by the department of Economics
- Final year students are encouraged to apply for various entrance examinations like TNPSC, UPSC, and SET & UGC NET.
- Introduction of PO, PSOC & CO: In the 2022 revised syllabus programme outcomes, Programme Specific Outcomes, Course Outcomes are added, and the same passed in the BOS and Academic Council Meeting 2022
- Maintenance of department meetings: Department meetings are structured and minutes are maintained in the Minutes Record Book and periodically its outcomes are assessed
- ICT based learning: Department is enabled with the projector and LCD screen and PowerPoint and notes are circulated periodically to be students for each unit
- Experimental Learning Field visits/ seminar/film screening: Periodic field visits have been planned by the Department of Economics

  
Head of the Department

  
Principal

  
Secretary

## Department of English

**Overall Observation and Remarks about the Department:**

## (a) Curriculum Design:

Curriculum is fulfilling the basic requirements of any standard framework. However, more number of skill oriented, practicum based courses like Content Writing, Academic Writing are to be introduced. Syllabus has to be updated accommodating the latest and current trends of the discipline. Just like NET preparation, focus may be given on career-based courses / training (LGBT and lit. studies).

## (b) Research Culture:

Mere focus on PhD level Research is not sufficient. Quality research papers publishable at the level of ELTJ by Oxford and Scopus indexed journals are to be attempted. Initiative at PG level students has to be made concretely and publication by them are to be encouraged. MRPS are to be attempted.

## (c) Infrastructure Adequacy:

Language Lab, LCD / AV equipment with internet connectivity to implement blended learning mode are the need of the hour. Basic amenities like fans / lights and cleanliness of the rooms are to be looked into. Definitely a research room with all facilities is the felt need to nurture research culture.

## (d) Teacher Quality:

Teaching – Learning Process is good at the basic level. NET preparedness and its supportive courses are neatly done. The following require the attention of the department.

- a) Staff – Student interaction in the class.
- b) A little more input is required.
- c) Time Management as per the lesson plan has to be done. Equitable distribution of time per hour / semester giving importance to every Unit / Lesson is to be looked into.
- d) Additional teaching hours for skill development courses like Calligraphy communication skills are to be allocated to students.

## (e) Administrative Method:

Student accompaniment is good in terms of mentoring, counselling, coaching; extracurricular activities like Book Review, Newspaper reading session. Tutor – ward system is laudable. MOUs at regional level are fine. More number of MOUs for the growth of the department is required. Reaching out is fine. Enhancing the department quality is also the aim of MOUs.

**Recommendations of the Expert Committee:**

a) MOUs for the betterment of the department in terms of academic growth / administrative support are to be planned and executed.

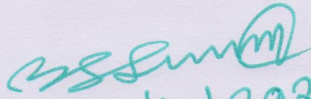
b) Department has to think of consultancy to be offered to Corporates / Institutions as the staff are equipped with certain skill – sets.

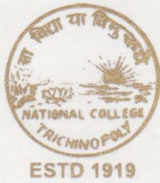
c) Research climate of the department has to be enhanced and quality research output in terms of Scopus- indexed research papers / articles is the need of the hour.

d) Accompaniment of students like initiating them to obtain certificates from MOOCs / BEC / IELTS / publication of research articles in UGC care listed journals is recommended.

e) Use of online resources and LM platforms to ensure the implementation of blended learning mode of Teaching and Learning requires immediate attention.

f) Open forum session with students will do good to enhance academic quality of the department. Students feedback, learning needs will be easily identified. For eg. Women students would like to express their choice of dress code.

  
09/10/2021  
DR K.S. ANTONYSAMY  
Head, PG & Research Dept. of English  
Loyola College  
Chennai - 600 034



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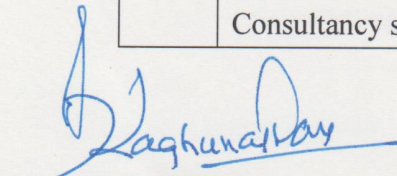
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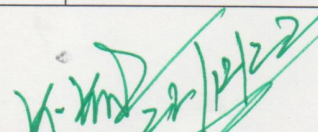
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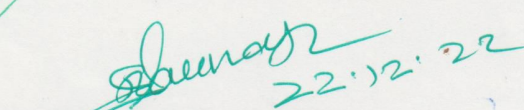
## Action Taken Report for Academic Audit(2020-2021)

The PG & Research Department of English, National College underwent Academic Audit on 9<sup>th</sup> October 2021 with Dr. K.S. Antonysamy, Head, PG & Research Department of English, Loyola College, Chennai as Auditor. The Comments provided by the auditor are attached with this report. The actions taken in connections with the comments of the auditor are as follows:

S.No	Comments from the Auditor	Action Taken/Decision Proposed
1	Syllabus Updation in forth coming BOS	The syllabus has been improvised according to the suggestions provided by the Auditor in BOS.
2	Research Culture: Publication in Scopus Indexed Journals needed	Papers have been published in Scopus indexed journals by a few faculty members while others are working hard to get their papers published in Scopus Indexed and peer reviewed journals.
3	Infrastructure	Representations were made to the management in connection with the issue.
4	Time Management	Efforts taken to manage time efficiently in handling the subjects to complete the syllabus.
5	MOUs	Steps are taken to sign MOUs with other institutions/companies for the benefit of the students
6	MOOCs	Students are encouraged to enroll themselves for MOOC/NPTEL courses.
7	Online Resources/LM Platforms	Representations were made to the management in connection with the issue.
8	Students' Feedback	Appropriate measures to be taken to get the students' feedback in order to improve the facilities for the betterment of the performance of the students academically and job oriented.
9	Faculties to be used for Consultancy services	Department staffs are informed to take necessary actions to meet the requirements in near future

  
SECRETARY

  
PRINCIPAL

  
HEAD OF THE DEPARTMENT  
DR. R. ELAVARASU

M.A., M.Ed., M.Phil., Ph.D., P.G.C.T.E., P.G.D.I.M.C., D.C.H.I., S.I.S.T., M.A.(T)  
H.O.D. of English  
National College (Autonomous)  
Tiruchirappalli - 620 001.

## Department of Geology

**Overall observation and Remarks about the Department:**

## a) Curriculum Design

The HOD of geology has given a PPT about his Department in the presence of all faculty and followed by interaction with individual faculty members. Prior to this, batch – wise student interaction was done with II M.Sc., II & III B.Sc. students. The curriculum is designed as per NEP and LOBS (Learning Outcome Based Syllabus) keeping in view UPSC, GATE, NET/SLET syllabus.

## b) Research culture

Research aptitude is noticed in a few of the faculty members from their publications. However, the faculty expects some basic infrastructural (central instrumentation) facility may be given to differentiate research performers from that of non – research performers.

## c) Infrastructure Adequacy

As geology is a field-oriented subject, some basic infrastructural facilities may be provided to the Department.

## d) Teacher Quality

Teaching in the Department is done through conventional blackboard teaching and non-conventional and technical way of teaching through PPT, MOOC, SWAYAM, NPTEL sources. Many field training/ mapping works may be undertaken.

## e) Administrative Method

All routine administrative practices have been followed like periodic BOS meetings, HOD faculty interaction, Parent- Teacher Association meetings, MoUs with other institutes inviting subject experts etc.

**Recommendations of the Expert Committee:**

1. Since a good number of aided and non – aided students are studying in the Department a strong lacuna in the faculty strength of the Department is noticed. Hence teaching faculty and non-teaching staff recruitment may be taken up immediately and more results may be expected from the Department.
2. As non – aided existing faculty appear doing good teaching work, they may be given preference in appointment, make them permanent, with a condition that more grant may be brought to the college in addition to teaching work.
3. Additional class rooms may be provided to the department.
4. During M.Sc. Geology admission the recommendation of the Dept. may be considered.
5. If possible, the salary of unaided teachers may be enhanced.

*SK.Md. Hussain*  
09/10/21  
Dr. SHAIK MOHAMMAD HUSSAIN, Ph.D.,  
Professor and Head  
Department of Geology  
University of Madras  
Guindy Campus, Chennai-600 025.

Mobile: 9444415027



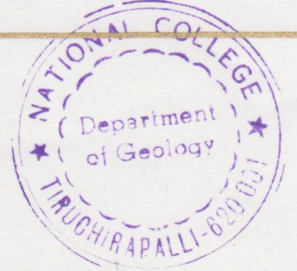
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## PG AND RESEARCH DEPARTMENT OF GEOLOGY REPORT ON ACTIONS TAKEN ON ACADEMIC AUDIT SUGGESTIONS



### An overall observation and remarks about the department

#### A. Curriculum design

The suggestions given by the existing curriculum design has been updated and modified as per NEP and LOBS with Blooms taxonomy mapping recommendations such as PO, PSO and CO'S orienting the syllable with UPSC, GATE, NET/SLET which would enhance the skill development on entrepreneurial and employability opportunities of the students community.

#### B. Research culture

The management agreed to extend the centralized instrumentation facility to active researchers at a cheaper cost than outside.

#### C. Infrastructure adequacy

The museum of the geology department is streamlined and a museum curator has been appointed recently to maintain the order and arrangement of rocks, minerals and fossils.

Smart class facility to the class rooms of geology department are improved with ICT based teaching and LCD projectors are used in all the class rooms except the new class room opened for First M. Sc Applied Geology in unaided section.

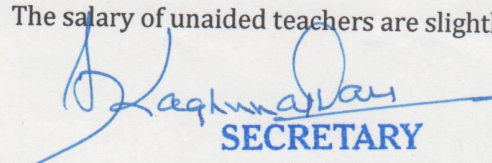
#### D. Teacher quality

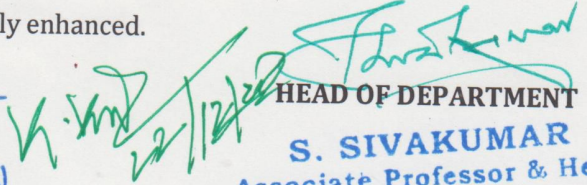
As camping and field oriented study is a must for geology, appointment of women teachers is mandatory. Hence, the management readily agreed and appointed qualified women teachers to support the girl students in UG and PG level.

#### E. Administrative method

All routine administrative practices like periodical BOS meeting, HODs faculty interaction, parent-teacher association meeting and inviting subject experts from other institutes are continuously being done in the department.

1. As the aided and unaided students of the department of geology are comparatively large in number, the staff and non teaching staff strength were increased appropriately as per recommendations.
2. The unaided section and management staff of this department couldn't be made permanent members of this department though they are good at academic activities.
3. Additional class room was provided by the management for a new PG class started recently in unaided section.
4. During UG and PG admissions of geology department, entire staff were involved in the process.
5. The salary of unaided teachers are slightly enhanced.

  
**SECRETARY**  
National College (Autonomous)  
Tiruchirappalli-620 001.

  
**HEAD OF DEPARTMENT**  
**S. SIVAKUMAR**  
Associate Professor & Head  
PG & Research Department of Geology  
National College  
Trichy - 620 001.

Department of History

**Overall observation and Remarks about the Department:**

a) Curriculum Design

1. B.A History curriculum caters to the needs of the students.
2. Programme specific outcomes and course outcomes are yet to be framed.
3. Syllabus contains references. Textbooks could be added covering the entire syllabus as essential readings. References should be updated with standard and latest books. A section on web references (webliography) could be added to.
4. Assessment format and innovative methods of assessments could be included too.
5. Spelling error (typographical errors) to be rectified.

b) Research Culture

1. For an undergraduate department, two faculty have guideship.
2. One faculty is currently guiding four PhD scholars.

c) Infrastructure Adequacy

1. Provision of LCD Projector in one classroom.
2. Classroom benches are in a relatively poor condition.
3. Fewer than required number of fans in classrooms.
4. Students in need of toilets closer to their block.

d) Teacher Quality

1. All teachers are qualified as per UGC norms.
2. Two of them are doctorates and one has an M.Phil Degree.
3. Teachers are highly motivated and take extra measures to train the students.
4. Students motivation in taking up NET coaching classes and participation in online competitions is an indicator of teacher quality.
5. Teachers have interest in additional work such as NCT coaching for Civil services is appreciable.

E). Administrative Method

1. HoD heads the administration and allots tasks to the teachers.

**Recommendations of the expert committee:**

1. Programme Specific outcomes and course outcomes to be framed and passed in Board of Studies and Academic Council.
2. Value-added courses should be offered outside the Curriculum such as Certificate/Diploma in Archaeology, Epigraphy, Tourism etc.,
3. Department meetings have to be conducted regularly and the Minutes maintained.
4. Power Points should be used regularly in offline classes too.
5. Films on history and tourism should be screened for the students.
6. Experiential learning could be systemized through field visits, seminars, short films by students (students have already done them), etc.,
7. Faculty quality to be enhanced by attending Orientation/Refresher courses & Workshops.
8. Wifi facility needed to enhance teaching/learning process.
9. Remedial courses should be conducted for academically weaker students.
10. Department library & guidance cell could be set up.
11. Students skills could be enhanced by intercollegiate programmes & bringing out Dept Newsletter.
12. MoUs with institutions to expose students to the field.



*R. Venkataramanujam*  
**Dr. R. VENKATARAMANUJAM**  
M.A., M.Phil., Ph.D.  
HEAD, DEPARTMENT OF HISTORY  
MADRAS CHRISTIAN COLLEGE (Autonomous)  
East Tambaram, Chennai - 600 059.





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*Prof A. Kodainila B.E., M.A., M.Phil, NET*

*Head, Dept. of History*

## ACTION TAKEN REPORT

[ACADEMIC AUDIT 2021-2022]

- 1. Introduction of PO, PSOC AND CO:** In the 2022 revised syllabus Programme Outcomes, Programme Specific Outcomes, Course Outcomes are added, and the same passed in the BOS and Academic Council meeting 2022.
- 2. Introduction of Value Added Courses outside the Curriculum:** Diploma in Epigraphy and Temple Architecture and Diploma in General Studies for Competitive Examinations are proposed to be conducted in the forthcoming academic year after passing at the Academic Council Meeting.
- 3. Maintenance of Department Meetings:** Department meetings are structured and minutes are maintained in the Minutes Record Book and periodically its outcomes are assessed.
- 4. ICT based learning:** Department is enabled with Projector and LCD screen and PowerPoint and notes are circulated periodically to the students for each unit.
- 5. Experimental Learning Field visits/Seminars/Films screening:** Periodic field visits have been planned by the department to museums, excavation sites and places of historical importance.
- 6. Refresher / Orientation courses for the Faculty:** In the current academic year 2021-2022 nearly two orientation courses have been successfully conducted by the Management.
- 7. Broadband Facility to the Department:** Management has provided LAN connection to the Department as per minutes of the Review meeting.
- 8. Remedial Courses for Weak Students:** Slow learner students are identified, and their progress monitored after class hours.
- 9. Skill development programme / Department Newsletter:** NCT Archaeological Forum was started to cater to the needs of future archaeologists. Seminars and Motivational programmes are conducted periodically. Department Newsletter shall be published in the current academic year.
- 10. MoU's with institutions:** MoU's process has been initiated in the current academic year and the same will be implemented.

*[Signature]*  
Secretary

*[Signature]*  
Principal  
23/12/22

*A. Kodainila*  
Head, Dept. of History.

Department of Mathematics

Overall observation and Remarks about the Department

- a) Curriculum Design – In alignment with Bharathidasan University, UGC loop/ TANSCH
- b) Research Culture – Good
- c) Infrastructure Adequacy – Need to be improved
- d) Teacher Quality – Very good
- e) Administrative Method – Good

Recommendations of the Expert Committee

- a) Curriculum Design
  - \* More Transdisciplinary course to be included
  - \* More courses from industry
  - \* Internship/Group projects to be included.
  - \* Research publications should start from UG level.
  - \* Communicative English & IT skills papers to be included.
  - \* Micro credential programmes, short term courses, Boot camps etc., can be offered.
- b) Research Culture
  - \* Research ecosystem is good. The Department has good number of publications.
  - \* Visits to premiere institutions preferable
  - \* Research funding is an area of improvement
- c) Infrastructure Adequacy
  - \* More systems to be provided to research students as they work on theoretical aspects
  - \* Computational lab can be provided
- d) Teacher Quality
  - \* Very good and motivated
  - \* Suitable incentives may be provided for proactive performance
- e) Administrative Method
  - \* More digitalization is preferable

**Lt. Dr. K. SUMATHI**  
M.Sc., M.Phil., Ph.D., PGDCA  
Associate Professor and Head  
Department of Mathematics  
PSGR Krishnammal College for Women  
Peelamedu, Coimbatore - 641 004.



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*Dr. D. Muthuramakrishnan, Ph.D.,*

Associate Professor & Head  
Department of Mathematics  
Tiruchirappalli - 620 001

Senate Member  
Bharathidasan University  
Tiruchirappalli - 620 024

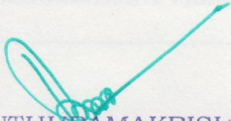
## Department of Mathematics

### Action Taken Report for Academic Audit (2021)

The Post Graduate and Research Department of Mathematics, National College underwent Academic Audit on 09.10.2021 with Dr.K.Sumathi, Associate Professor and Head, Department of Mathematics,PSGR Krishnammal College for Women, Coimbatore as an Academic Auditor. The comments given by the Academic Auditor are attached with this report. The actions taken in connection with the comments of the Academic Auditor are as follows:

S.No.	Comments from the Academic Auditor	Actions taken/Decisions proposed
<b>A. Curriculum Design</b>		
1.	More trans-disciplinary courses to be included	Planned to include in the curriculum
2.	More courses from the industry	Represented the recommendation to the management
3.	Internships / Group projects to be included	Final year UG and PG students have been encouraged to apply for various internships in central and state government bodies
4.	Research Publications should start from the UG level	All the faculty members are instructed to motivate the students to publish papers in National / International journals.

5.	Communicative English and IT skills papers to be included	Communicative English is already included in the curriculum. Steps have been taken to include a paper on IT skills in the forthcoming years.
6.	More credential programme - Short term course ,Boot camps etc., can be offered	A certificate course in LaTeX is planned to start from the next academic year.Boot camps are planned from the next academic year
7.	Visits to premier institutions preferable	Academic visits to various colleges are in practice in our department
<b>B. Research Culture</b>		
1.	Research funding is an area of improvement	All the faculty members are instructed to apply for minor/major research projects
<b>C. Infrastructure Adequacy</b>		
1.	More computer systems to be provided to research scholars.	The recommendation is conveyed to the management
2.	Computational labs can be provided to the students	The recommendation is conveyed to the management
<b>D. Teacher Quality</b>		
1.	Suitable incentive may be provided for proactive performers	The recommendation is conveyed to the management
<b>E. Administrative Methods</b>		
1.	More digitization is preferable	All data are stored by maintaining Departmental Digital Diary. Every piece of communication is sent through whats app or email.

  
 Dr. D. MUTHURAMAKRISHNAN  
 M.Sc.,M.Phil.,B.Ed.,Ph.D.,  
 Associate Professor & Head  
 PG & Research Dept. of Mathematics  
 National College (Autonomous)  
 Trichy - 620 001. Tamil Nadu, India.

## Department of Physics

**Overall Observation and Remarks about the Department:**

## a) Curriculum Design

In general, syllabus for UG and PG was good. But the syllabus should be based on OBE. POS, PSOs, COs to be redefined. Mapping between PO, PSO & COs are not given. Skill development, entrepreneurial and employable should be focused.

## b) Research Culture

Research work in the department is good. Even In the pandemic period, publications particularly in Scopus & UGC Care Listed journals are really good.

## c) Infrastructure Adequacy

- \* Laboratories for PG, UG & Research are good.
- \* Some students mentioned about the scarcity of drinking water in physics block. Some mentioned about the poor rest room facility for girls & boys.

## d) Teacher Quality

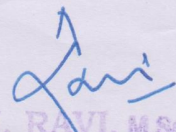
- \* For practicals, in addition to the mentioned facilities new novel experiments can be included.
- \* MOOC module created by the department is good.
- \* Continuous updating of staff members was good.

## e) Administrative method

- \* Regarding PG & UG admissions the difference between sanctioned strength and the admitted strength has to be looked into.
- \* Smart room facility has to be enhanced.
- \* Implementation of ICT based education has to be strengthened.

**Recommendations of the Expert committee:**

- \* IPR related activities are not up to the expectation of NAAC.
- \* Students registration on MOOC online courses are to be enhanced further.
- \* Partial online paper to be included in the syllabus for strengthening online activity.
- \* E-content preparation & uploading the same on the college website is essential.
- \* Student support activities, particularly, add on courses, value-added courses, certificate courses to be arranged further.
- \* Department library is to be strengthened further.
- \* Students and Parents feedback to be collected on all aspects of academic activities.
- \* Placement and students' progression have to be strengthened.
- \* Empowerment programme for junior staff can be conducted frequently.

  
Dr. N. RAVI, M.Sc., M.Phil., Ph.D.  
Head & Asso. Prof. of Physics  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002.



# National College

(Autonomous)

College with Potential for Excellence

Nationally Re-accredited at 'A+' Grade by NAAC

A Unit of Dr.V. Krishnamurthy Educational Foundation



Tiruchy - Dindigul Road, Karumandapam, Tiruchirappalli - 620 001

**P.G & Research Department of Physics  
NATIONAL COLLEGE, (Autonomous), Tiruchirappalli -1**

## Academic audit: Action taken Report

### 9. Over All Observation and Remarks about the Department

#### a) Curriculum Design:

As per the recommendations, PO, PSO and CO's are redesigned to enhance the skill development, entrepreneurial and employability opportunities.

c) In view of the Students plea regarding inadequate drinking water and poor rest room facility, the recommendations are forwarded to the College administration for suitable remedy.

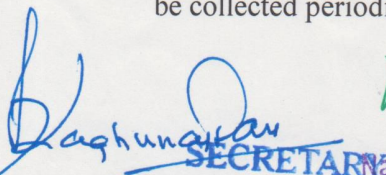
d) We have included some novel experiments like Traffic light controller using Microprocessor and latest embedded system Microcontroller (32-bit) experiments for PG students.

e) There exist a difference between sanctioned strength and admitted strength; it is due the change in the academic atmosphere throughout the state. We're trying our best to minimize the difference. Smart class facility will be improved and ICT based teaching has already been initiated in the Department. LCD projectors are used often in class room teaching. Online based web resources are identified and shared to our students by the faculty to augment their class room learning inputs. It is planned to further strengthen ICT based teaching with the latest available open source applications.

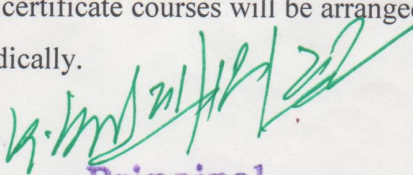
10. a) Steps will be taken to motivate large number the students to register for MOOC online courses.

b) The department is having one Indian Patent in the field of "Thin Films" by Dr.A.T.Ravichandran and applied one more patent.

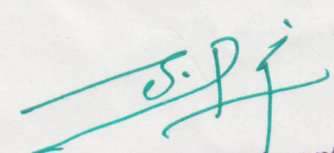
c) More e-contents lectures will be uploaded in our college website. Add on courses, Value added courses and certificate courses will be arranged. Students and Parents feedback will be collected periodically.

  
SECRETARY

National College (Autonomous)  
Tiruchirappalli - 620 001.  
Tiruchirappalli-620 001.

  
Principal

National College (Autonomous)  
Tiruchirappalli - 620 001.

  
Head of the Department  
PG & Research Department of Physics,  
National College (Autonomous),  
Tiruchirappalli - 620 001.

Department of Physical Education

Overall Observation and Remarks about the Department:

a) Curriculum Design

- The curriculum is well designed, which has brought its unique features targeting academic excellence and social relevance.
- Course structure is commendable, since it has incorporated value-added courses like, yoga, fitness studio etc., which paves way for students to develop their skills.

b) Research Culture

- Research culture is highly appreciable, many students have pursued M.Phil & PhD and also awarded. To mention, the school Education Minister of Tamilnadu Mr. Anbil Mahesh Poyiahmozhi has registered in the department of Physical Education, under the supervision of Dr. Prasanna Balaji.
- Good number of International conferences and seminars are conducted to enhance the research culture.

c) Infrastructure adequacy

- Infrastructure development has to be upgraded from the existing with the latest equipment.
- Laboratory need to be installed for research work, like anatomy and physiology lab, bio – mechanical lab.

d) Teacher Quality

- Teachers' quality is highly appreciated.
- Personal touch with students and timely help in nurturing the students to enhance better learning.
- Well qualified staff.

e) Administrative Method

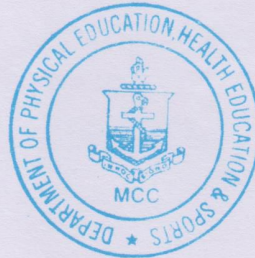
- Department meetings are conducted
- engage a lot in co-curricular and extra – curricular activities
- Regular BOS is conducted.
- Balanced work load among staff members
- Practical work and assignments done with much care

- The Department has MOU signed with different agencies.

**Recommendations of the Expert Committee:**

1. The department has a good team with highly Skilled staff.
2. Department has a good exposure to Research culture.
3. Staff ratio need to be looked in, especially, to cater to the needs of woman students, a lady staff member to be appointed.
4. Salary of the staff members need to be increased.
5. Laboratory need to be installed for research work.
6. Outdoor camping program need to be provided.
7. Infrastructure to be added like, flood lights, consumable equipment, track and field (synthetic surface), hockey field.
8. Markers to be appointed for setting up of the court and fields for the classes.
9. Remedial courses can be initiated for slow learners for better communication.

  
**Dr. James Zachariah, Ph.D**  
Head of the Department  
Physical Education, Health Education & Sports  
Madras Christian College (Autonomous), SFS  
East Tambaram, Chennai - 600 059







## NATIONAL COLLEGE

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(Unit of Dr. V. Krishnamurthy Educational Foundation)  
Tiruchirappalli - 620 001

Research Department of  
Physical Education & Sports Sciences

**Dr. D. Prasanna Balaji**  
M.A., M.B.A., M.PEd., M.Phil., D.YEd., C.F.A., Ph.D.,  
Head and Director

### ACTION TAKEN REPORT (ATR)

### **PG & RESEARCH DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS SCIENCES**

1. Remedial classes have been arranged for slow learners.
2. Special attention has been given to students who lack in communication.
3. New marker appointed for the ground maintenance.
4. Sufficient staff are appointed.
5. Students were offered an outdoor camping program.
6. Infrastructure :Proposal submitted to secretary office for arranging following facilities
  - a) Flood Light Ground
  - b) Exercise Physiology lab
  - c) Hostel Facility for sports quota students

**Principal**  
National College (Autonomous)  
Tiruchirappalli - 620 001.

Department of Statistics

**Overall Observation and remarks about the Department:**

a) Curriculum Design:

It is recommended to frame the UG Statistics syllabus based on learning outcome curriculum framework (LUCF) pattern.

b) Research Culture:

One of the staff members is actively doing research. His research works are very much appreciated. The other staff members are encouraged to do active research.

c) Infrastructure Adequacy:

Infrastructure facilities should be upgraded.

d) Teacher Quality:

The staff members are very much committed and interested to serve the student community for their better future. Teachers are asked to prepare e-learning materials.

e) Administrative Method

The execution and presentation of files for different activities of the department show the efficient administration.

**Recommendation of the Expert Committee:**

The staff members in the Department of Statistics are asked to:

- \* Arrange seminars and workshops for improving the analytical skills of the students.
- \* Ask the students to go for internship training.
- \* Conduct parent-teacher meeting.
- \* Publish research articles in the reputed journals.
- \* Conduct Remedial coaching class for slow learners.

Student's interaction.

After a short and sweet interaction with the second and the third B.Sc statistics students, the following recommendations are made:

- \* More seminars and workshops.
- \* Introduction of placement cell.
- \* Inclusions of courses related to Data Analytics.

Students are satisfied with curriculum and the service of the staff members.

  
Dr. Lilly George, M.Sc., M.Phil., Ph.D.  
Assistant Professor & Head  
Department of Statistics  
St. Joseph's College (Autonomous)  
Tiruchirapalli - 620 002.



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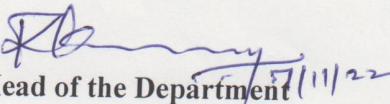
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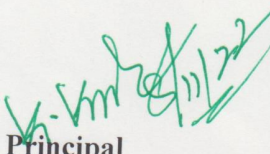
## Department of Statistics

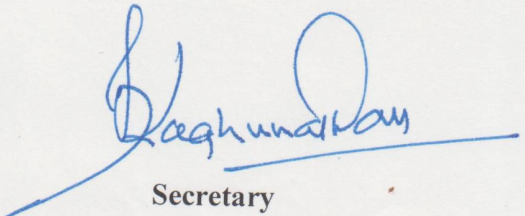
### Action Taken Report

The following activities were included in the academic activities of the Department as per the recommendations of the expert committee:

- \* Final year students have been encouraged to apply for various entrance examinations like as ISI, IIT and Deemed to be Universities.
- \* Remedial coaching is conducted for final year students for Quantitative Aptitude Test
- \* Parent-Teacher meetings are conducted by the Department
- \* MoU for job based internship progress is ongoing
- \* All Faculties are communicate / submit their manuscript to quality peer-reviewed / reputed journals
- \* The College Management has awarded a Minor Research Project grant to a faculty member of the Department

  
Head of the Department 07/11/22

  
Principal

  
Secretary

## Department of Tamil

## Overall Observation and Remarks about the Department:

## A) Curriculum Design

- அனைத்து இளங்கலை மாணவர்களுக்குரிய தமிழ் மொழிப்பாடம் மாணவர்களின் மொழித்திறனை வளர்க்கும் நோக்கில் அமைக்கப்பட்டுள்ளது.
- இளங்கலைத் தமிழ் இலக்கியம் பயிலும் மாணவர்களுக்கான பாடத்திட்ட அமைப்பு மாணவர்களின் தமிழ்மொழிசார் இலக்கியம் மற்றும் இலக்கணம் தொடர்பான சிந்தனைகளை வளர்க்கவும் மேம்படுத்தவும் உதவும் வகையில் அமைக்கப்பட்டுள்ளது. குறிப்பாகப் படைப்புக்கலை என்னும் பாடத்திட்டம் மாணவர்களின் படைப்புத் திறனை வளர்க்கும் விதத்தில் அமைவதோடு, கவிதை, சிறுகதை, நாவல், நாடகம் உள்ளிட்ட படைப்புத் திறனை வளர்த்து, அவர்களைப் படைப்பாளிகளாக உருவாக்கம் செய்ய உதவுகிறது.
- முதுகலைத் தமிழ்ப் பாடத்திட்டம் மாணவர்களின் ஆய்வுப் போக்கினை வளர்க்கும் முயற்சியிலும் தமிழ் இலக்கிய ஆய்விற்கான அடிப்படையினை எடுத்துரைக்கும் நோக்கிலும் அமைந்துள்ளமை சாலச்சிறந்தது.
- மொத்தத்தில் தமிழ்த்துறையின் பாடத்திட்டம் சிறப்புடையதாக அமைந்துள்ளது.

## b) Research Culture

- தமிழ்த்துறையின் ஆராய்ச்சி பணிகள் சிறப்புடையதாக அமைந்துள்ளது.
- துறைசார்ந்த கருத்தரங்கம் நடத்தி அதைப் புத்தகமாக உருவாக்கம் செய்தமை.
- முனைவர்பட்ட ஆய்வாளர்களைச் சிறந்த ஆய்வுத்தளத்தில் ஆய்வில் ஈடுபடச்செய்தமை.
- அரசு நிதிபெறும் பேராசிரியர்கள் மற்றும் சுயநிதிப் பேராசிரியர்கள் ISBN மற்றும் ISSN எண்ணுடன் ஆராய்ச்சிக் கட்டுரைகளைப் பதிப்பாக்கம் செய்தமை சிறப்பு
- தமிழ்த்துறையின் ஆராய்ச்சி வளர்ச்சிப் பாதை நோக்கிப் பயணிக்கும் வகையில் அமைந்துள்ளது.

## c) Infrastructure Adequacy

- சிறந்த வகுப்பறைகள் மாணவர்களின் கற்றல் திறனை மேம்பாட்டு வகையில் அமைந்துள்ளது.
- பவர்ஹண்ட் தொழில்நுட்பத்துடன் கூடிய வகுப்பறைகள் உள்ளது சிறப்புடையது.
- அடிப்படைக் கட்டமைப்பு வசதிகள் திருப்பதிகரமாக உள்ளன.
- அரசு நிதிபெறும் பேராசிரியர்கள் மற்றும் சுயநிதிப் பேராசிரியர்கள் ISBN மற்றும் ISSN எண்ணுடன் ஆராய்ச்சிக் கட்டுரைகளைப் பதிப்பாக்கம் செய்தமை சிறப்பு

#### d) Teacher Quality

- அரசு உதவிபெறும் ஆசிரியர்கள் போதிய அளவிலும், பல்கலைக்கழக மானியக்குழுவின் விதிகளின் அடிப்படையிலும் பணியில் அமர்த்தப்பட்டமை சிறப்பு.
- சுயநிதிப் பிரிவில் பணியாற்றும் ஆசிரியர்களின் எண்ணிக்கை போதிய அளவில் உள்ளதுடன் பல்கலைக்கழக மானியக்குழுவின் தகுதியின் அடிப்படையிலும் உள்ளமை சிறப்பு.

#### e) Administrative Method

- தமிழ்த் துறைசார்ந்த நிர்வாகச் செயல்பாடு சிறப்பாக உள்ளது.
- தமிழ்த்துறையினை வளர்த்தெடுப்பதில் கல்லூரி நிர்வாகம் கவனம் செலுத்துவது போற்றதலுக்குரியது.
- துறைத்தலைவரும் பேராசிரியர்களும் இணைந்து செயல்படுவது துறையின் வளர்ச்சிக்குப் பேருதவியாக உள்ளது. இதனாலே ஆசிரியர் சார்ந்த ஆராய்ச்சி பணிகள் சிறப்பாக அமைந்துள்ளன.

#### Recommendations of the Expert Committee:

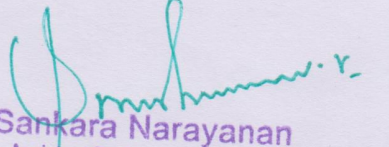
##### ஆசிரியர் சார்ந்த பரிந்துரைகள்

- ஒவ்வொரு ஆசிரியர்களும் வருடத்திற்கு குறைந்தது இரண்டு அல்லது அதற்கு மேற்பட்ட பல்கலைக்கழக மானியக்குழுவால் அங்கீகரிக்கப்பட்ட இதழ்களின் ஆய்வுக் கட்டுரைகளைப் பதிப்பித்தல் அவசியமாக்குதல்.
- துறைத்தலைவர், துறைசார்ந்த ஆசிரியர்களுக்கு மாணவர்களின் வளர்ச்சிக்கும் மொழித்திறன் மற்றும் படைப்பாக்கங்களை மேம்படுத்தவும் பொறுப்புக்களை ஒருங்கிணைப்பாளர் என்ற நிலையில் பிரித்து வழங்கி துறையின் வளர்ச்சியை மாணவர்களின் திறன் அடிப்படையில் மேம்படுத்துதல்.
- பிற கல்லூரி மாணவர்களை அழைத்து தமிழ்ப் போட்டிகளை வருடத்திற்கு ஒருமுறை நிகழ்த்துதல். இது துறையின் வெளிப்புறச் செயல்பாட்டு உறுதியாக அமையும்.

##### மாணவர்கள் சார்ந்த பரிந்துரைகள்

- பாடம் அல்லாத பிற செயல்பாடுகளில் மாணவர்களை ஈடுபடுத்துதல்.
- மாதம் ஒரு முறை மாணவர்களின் படைப்பாக்கங்களை வெளிக்கொணர அரங்கம் அல்லது படைப்பரங்கம் என்னும் பொருண்மையில் நிகழ்வுகளைத் துறைசார்ந்த பேராசிரியர்களை ஒருங்கிணைப்பாளராக நியமித்து வழிநடத்துதல்.
- முாதம் ஒரு முறை மாணவர்களுக்கு தமிழ் இலக்கியம் மற்றும் தமிழ் இலக்கிய ஆளுமை சார்ந்த குறும்படங்களைக் காண்பித்தல்.
- முதுகலை மாணவர்களுக்கு தேசியத் தகுதித் தேர்வு மற்றும் மாநிலயத் தகுதித் தேர்வுக்குத் தயார் செய்ய பயிற்றுவித்தல்.

- மாதம் ஒரு முறை திருச்சியிலுள்ள பல்கலைக்கழக நூலகம் மற்றும் பிற நூலகங்களுக்குப் பொறுப்பாசிரியர்களை நியமித்து அழைத்துச் செல்லுதல்.
- வருடத்திற்கு ஒரு முறை களப்பணி அல்லது இலக்கியம் சார்ந்த வரலாற்று இடங்களுக்குச் சுற்றுலா அழைத்துச் செல்லுதல்.
- தமிழரின் கலாச்சாரமான பொங்கல் விழாவினைத் தமிழ்த்துறை சார்ந்து தனியாகத் துறையில் நடத்துதல்.
- மாணவர்களுக்கான வெளிப்புற கல்வி சார் செயல்பாடுகளில் ஈடுபட ஊக்குவித்து வழிநடத்துவது மிகவும் தேவையாக உள்ளது.

  
Dr. K. Sankara Narayanan  
Assistant Professor  
Dept. of Sangappalagai for Tamil Development  
University of Madras  
Marina Campus, Chennai-600 005.



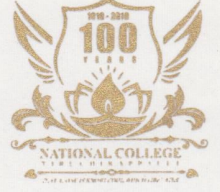
# National College

(Autonomous)

College with Potential for Excellence

Nationally Re-accredited at 'A+' Grade by NAAC

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Tiruchy - Dindigul Road, Karumandapam, Tiruchirappalli - 620 001

தமிழாய்வுத்துறை

28.10.2022

Action Taken Report - Academic Audit

கல்விசார் புறத் தணிக்கை (09.10.2021) செயல்பாடுகள்

கல்வித் தணிக்கையாளராகிய புற வல்லுநரின்

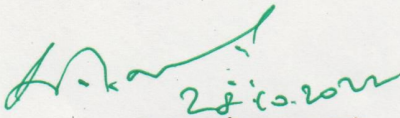
பரிந்துரைகள் படி : -

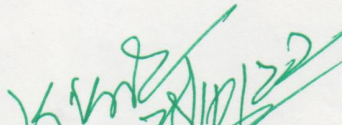
துறைப் பேராசிரியர்கள் கருத்தரங்கக் கட்டுரைகளைப் படைப்பதற்கு ஏதுவாகக் கோவை சர்வதேச ஆய்விதழுடன் 28.07.2022 அன்று புரிந்துணர்வு ஒப்பந்தம் செய்யப்பெற்றது.

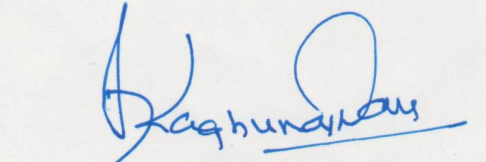
இளங்கலை, முதுகலைத் தமிழ் மாணவர்களைக் கல்விச் சுற்றுலாவாக 11.05.2022 அன்று தஞ்சாவூர் பெருவுடையார் கோயில், தாராசுரம் ஐராவதீஸ்வரர் திருத்தலங்களுக்கு அழைத்துச் செல்லப் பெற்றது.

துறை மாணவர்களின் பஸ்துறைப் படைப்பு ஆளுமையை வெளிப்படுத்தும் விதமாகத் "தேசியத் தமிழ் வாசகர் வட்டம்" 26.10.2021 அன்று துவங்கப்பெற்று பருவத்திற்கு இரு கூட்டங்கள் நிகழ்த்தப்பெற்று வருகின்றன.

முதுகலை மாணவர்களுக்குப் பல்கலைக்கழக மானியக் குழுவிற்கான இளநிலை ஆய்வாளர் தகுதித் தேர்விற்குரிய (UGC - JRF) சிறப்பு வகுப்புகள் துறைப்பேராசிரியர்களால் கல்லூரிப் பணி நேரத்திற்குப் பிறகு நடத்தப்பெற்று வருகின்றன.

  
துறைத்தலைவர்

  
முதல்வர்

  
செயலர்

Principal

National College (Autonomous)

Tiruchirappalli - 620 001.

SECRETARY

National College (Autonomous)

Tiruchirappalli-620 001.

முனைவர் ச. ஈஸ்வரன்,  
இணைப் பேராசிரியர் & தலை.  
தமிழ்த்துறை,  
தேசியக்கல்லூரி (தன்னாட்சி)  
திரச்சிராப்பள்ளி - 620 001.

## Department of Zoology

## Overall Observation and Remarks about the Department:

a) **Curriculum Design:** The Curriculum is balanced with basic and applied aspects, and satisfies the requirement viz., local, regional, national, global, Zoology related gender issues, environmental issues and ethics. The syllabus is framed as per OBE pattern. A few suggestions are given to modify syllabus in the forthcoming BOS.

The Department may be permitted to frame syllabus for common EVS Course (U19ES) as the present syllabus is highly exhaustive.

b) **Research culture**

The research ambience is vibrant as evidenced by – MRP, award of 2 PhDs, 12 publications, 7 Gene bank deposits, 2 book chapters, and more than 35 participation / presentations in seminars and conferences.

Teachers are organized research in both basic <sup>and</sup> ~~are~~ advanced areas.

c) **Infrastructure Adequacy**

Class rooms are ICT enabled. Infrastructure is good.

Lab facilities may be improved especially for the PG Programmes

Museum requires a separate room as there are good collection of specimens.

d) **Teacher quality**

- All faculty are PhD qualified except one who has also cleared SET.

- All teachers have specific field of interest.

- Research inputs in terms of publications / book chapters needs to be increased.

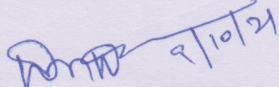
e) **Administrative Method**

The Department faculty are <sup>in touch</sup> ~~in touch~~ and move towards a specific goal. There is sharing responsibility and commitment.

**Recommendations of the Expert Committee:**

The following facilities may be installed for the improvement of students. Department, teacher and institution to enable high score in NAAC.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>- Animal house</li> <li>- Sericulture rearing Unit</li> <li>- Vermicompost unit.</li> <li>- Apiary</li> </ul> | <p>Also helps in promoting startups and incubation centre.</p> |
|--|--|
- Students to be encouraged to take up internships
  - Placement drives specifically for Zoology students.
  - Staff may be provided with financial support for attending seminars / conferences.
  - Seed money may be proved to staff members to carry out minor research projects.
  - Non stipend research scholars may be provided with institutional fellowships.
  - The potentiality of the staff / department be utilized for consultancy services.

  
**Capt. Dr. N. Arun Nagendran**  
 Associate Professor  
 PG & Research Department of Zoology  
 Thiagarajar College  
 Madurai-625 009, Tamilnadu, India





**POST GRADUATE AND RESEARCH DEPARTMENT OF ZOOLOGY**  
**NATIONAL COLLEGE**  
**(Autonomous)**

*Nationally Re - Accredited with A Grade by NACC*  
*Recognized as College with Potential for Excellence by UGC*  
*Tiruchirappalli- 620 001*



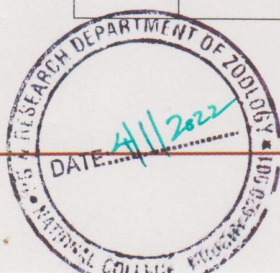
**Dr.V.Gokula**  
*Associate Professor*

**04-01-2022**

**Action Taken Report for Academic Audit (2021)**

The PG & Research Department of Zoology, National College underwent Academic Audit on 9<sup>th</sup> October 2021 with **Capt.Dr. N. ArunNagendran, Associate Professor**, PG & Research Department of Zoology, Thiagarajar College, Madurai as Auditor. The comments provided by the auditor are attached with this report. The actions taken in connections with the comments of auditor are as follows:

S. No.	Comments from the Auditor	Action taken/ Decision Proposed
1.	Modification of syllabus in forthcoming BOS	The syllabus has been improvised according to the suggestions provided by the auditor in the BOS held on 20 <sup>th</sup> June 2022.
2.	Syllabus for EVS course may be framed by the department	Represented the issue to the management during the meetings of Head of the Department with Principal, and management accepted
3.	Improvisation of Lab facilities for PG	Represented the issue to the management and management accepted.
4.	Separate Room for Museum	Representations made to the management in connection with the issue and management accepted.
5.	Research Inputs in terms of publications	All the faculties of the Department are extremely working hard to publish in quality peer reviewed/reputed journals and for high end research outputs financial and infrastructural aids are requested from the management and management accepted.
6.	Availing Animal house, Apiary, Sericulture and Vermicomposting unit	All these adequate infrastructure necessities were taken to the notice of the management and management accepted.
7.	Internship for students	Final year UG & PG Students have been encouraged to apply for various internships in central and state government bodies.
8.	Placement drive specific for zoology students	In Connections with this comment alumni students who are well positioned in reputed organisations were made as mentors for students to promote job opportunities in zoology. Five mentors are already selected
9.	Seed money for faculties to promote research	Management has provided (15000 - 20000) as minor research project grant to two faculty members of department.
10.	Institutional stipend to Non - stipendiary research scholars	Issue represented to the management and management accepted.
11.	Faculties to be used for consultancy services.	Department staffs are informed to take necessary actions to meet the requirement in near future.



**Dr. V. GOKULA**  
Associate Professor & Head  
PG & Research Department of Zoology  
National College (Autonomous)

Res: Plot No. 5A, Kurinji Nagar West, K.K.Nagar, Tiruchirappalli-620 021, Tamil Nadu, India  
Mobile: 9443578753, Email: gokulae@yahoo.com

Resource Centre – Library

**Overall Observation and Remarks about the Library:**

- a) Library Utilization
- b) Reading/Research Culture
- c) Infrastructure Adequacy
- d) Administrative Method

Infrastructure & Digital Library facilities well maintained.

Community services Extension activities are highly appreciated.

**Recommendations of the Expert Committee:**

I hereby recommend the following to be strengthened:

- Keeping pace with the Information Revolution e-reading to be encouraged among students and faculty members by encouraging to read available e-resource facilities available in library.
- Library utilization need to be increased by way of introducing
  - 1) Open Access System to all UG, PG students & Research Scholars.
  - 2) Membership for UG Students may increase to 5 instead of 2; PG students Library membership may also increase to 6 instead of 3.
- To avoid storage space, M.Phil. Ph.D. theses may be kept in soft copy format; it is recommended that they should be archived in digital repositories.
- All the semester question papers are to be uploaded as a soft copy for easy access.
- Linkages with National / International membership in NDCI (National Digital Library of India) may be strengthened.
- Institutional repositories recommended to preserve all the institutional collections. [Ex. Faculty publications, College magazine, Curriculum etc.]
- Remote Access facilities recommended for Digital Library Resources with access to all the Institutional users.
- Library workforce to be strengthened by appointing 2 fully qualified supporting staff with computer skills.
- Recommended to support facilities for visually challenged students (as per NAAC requirement)

*Blossy*  
*9/10/21*

**Dr.L.SANTHI**  
Librarian  
PSGR Krishnammal College For Women  
Peelamedu, Coimbatore - 641004



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Date: 22<sup>nd</sup> Dec-2022

## Action Taken Report

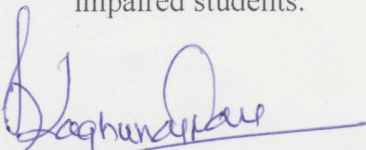
Based on the expert committee's recommendation given on 9<sup>th</sup> October -2021

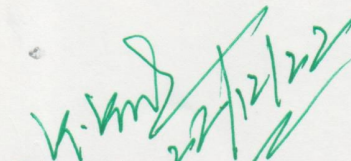
We have 90% of the recommendations of the expert committee have been fulfilled.

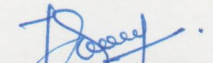
- E- Resources Reading has been encouraged among our students and faculty members.
- Most of the students and staff members have started using the E-resources purchased in the Resource Center.

The following measures are introduced to increase library utilization:

- Open access system for all UG, PG and Research scholars similarly the membership of the UG students increase to 3 library cards and 5 library cards to the PG Students.
- All the M.Phil and Ph.D theses are placed in Digital repository (Soft copy) in completing Stage.
- All the semester question papers are available in the form of soft copies through remote access.
- NDLI (National Digital Library) club will be activated very soon.
- All the institutional repositories to be preserved in digital form with installed Dspace Open digital library software have a separate server.
- All students and faculty members have access to the digital library resources via remote access.
- A proposal is given to the management for the appointment of fully qualified support staff with computer skills.
- Another proposal is given to management to support facilities for visually impaired students.

  
Secretary

  
Principal

  
HOD/Librarian