

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0.17

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
0.0	0.17	0.0	0.0	0.0

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

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3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The college serves as a central hub for collaboration among various specialized centers, promoting innovation, offering guidance for entrepreneurship development, and fostering an enhanced ecosystem. It provides students with exposure to entrepreneurship's many facets and emphasizes its importance through activities such as awareness programs, workshops, seminars and webinars. These initiatives train students to transform their ideas into actionable plans, setting the foundation for successful entrepreneurial careers.

An active environment within the college nurtures an innovation ecosystem. As an initial step, the college has established various innovation-related clubs to discover and develop latent talent. These clubs nurture students' skills, fostering the institution's overall growth. The following clubs effectively coordinate for academic integration:

Health Club

The Health Club aims to instill the importance of healthy and hygienic food and lifestyles. It seeks to educate students on leading a nutritious life and enhances mental resilience and equanimity through activities like International Yoga Day. Competitions such as Cook without Fire, Traditional Food Cooking and food melas are organized to raise awareness about nutritious homemade foods and the adverse effects of unhealthy, processed meals.

Eco Club

The Eco Club fosters green consciousness, eco-friendliness, and ecological awareness at the grassroots level among students and staff. The club promotes environmental awareness by establishing a herbal garden with medicinal plants and conducting sapling plantations on and off-campus. NSS students further this mission by creating a kitchen garden, highlighting the benefits of farm-to-table practices.

Red Ribbon Club

The Red Ribbon Club conducts essay writing, poster making, and slogan writing competitions to raise awareness about HIV and AIDS. It observes World AIDS Day on December 1st each year to educate on HIV/AIDS and preventive measures. The club also encourages voluntary blood donation and emphasizes the prevention of drug abuse and drunken driving.

Sports Club

The Sports Club imparts valuable skills such as time management, teamwork, sportsmanship, and coordination. It provides both physical and mental training, helping students rejuvenate their minds, bodies, and souls. The club motivates and guides students to participate in intercollegiate competitions.

Rotaract Club

The Rotaract Club, combining "Rotary" and "Action," adheres to the motto "Service Above Self." It offers significant services to society, fostering leadership qualities, friendship and social connectedness among students. These clubs collectively contribute to the holistic development of students, aligning with the college's mission to create a supportive and innovative environment for academic and personal growth.

Innovation and Transfer Knowledge:

The college fosters an environment conducive to innovation and knowledge transfer by encouraging faculty to engage in research activities and publish in reputed journals. Students are motivated and guided to participate in seminars, webinars, workshops and conferences to enrich their knowledge. To further hone their skills, the college invites eminent scholars, entrepreneurs and Civil Service officers to share their insights, inspiring students to be courageous and ambitious. Additionally, practical learning is facilitated through industrial visits, providing real-time experiences where students can interact with professionals and witness real-world applications of their theoretical knowledge. This comprehensive approach ensures that students are well-equipped with the necessary skills and insights to excel in their future careers.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 10

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1	5	3	1	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards**3.3.1**

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.7

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
23	11	17	18	26

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.04

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2	4	0	0	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The National Service Scheme (NSS) is a voluntary program implemented by the Ministry of Youth Affairs and Sports, Government of India. Embodying the noble motto "Not me, but you," it emphasizes the civic and social responsibilities of every Indian citizen. In today's digital and globalized era, where materialism often overshadows humanity, our college's NCC, NSS, YRC, RRC, and Rotaract Club operate with enthusiasm and dedication to the welfare of mankind. These organizations regularly conduct extension and outreach activities within the local community, fostering a spirit of service and social responsibility. Our NSS wing, in particular, has made significant contributions to society. Our students not only provide selfless service but also build their character and enhance their personal development.

The college has embarked on a remarkable journey through the implementation of various outreach and extension activities, a testament to our commitment to societal betterment. The diverse array of these activities is outlined below.

- 1.SwachhtaPakhwada 2020
- 2.Tree Plantation Pakhwada 2020
- 3.Lake and Campus Cleaning
- 4.Health & Drug Awareness programmes
- 5.Eye check-up campaign in local villages
- 6.SwachhBharathAbhiyan programme at University of Madras.
- 7.Sensitizing programme on Anti- corruption along with Ministry of labour and Employment. DCE, Govt.of India.
- 8.COVID-19 Vaccination camp
- 9.Initiative of making up the Medicinal Herbs.
- 10.National voter's day pledge programme.
- 11.Road and safety awareness programme
- 12.Bharathi festival walkathon at Chennai Marina campus.
- 13.Blood donation camp
- 14.National integration camp in collaboration with University of Madras.
- 15.Human Rights awareness Programme at Madras Christian College.
- 16.International coastal clean-up program organized by Indian Coast Guard at Edward Eliot's beach, Besant Nagar Chennai.
- 17.Important Days Celebrations – National and International days

Overall, these extension and outreach activities profoundly impact both the students and the neighboring community. Through these programs, students become sensitized to social issues, fostering empathy, compassion, and a sense of responsibility. Additionally, they gain a holistic understanding of the community in which they live, deepening their connection to and appreciation for their surroundings. The National Service Scheme (NSS) at CKNC stands as a beacon of youth engagement in community service. With its multifaceted approach, the NSS not only enriches the lives of its volunteers but also leaves a lasting, positive impact on all aspects of life it touches.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

The CKNC college campus has proudly hosted numerous government-initiated programs, underscoring its pivotal role in community engagement. Our NSS and NCC volunteers actively participate in various extension activities organized by government and government-recognized bodies. It is with great honor that our college has been recognized and awarded as the "Best Worker and Organization in Zone 8 (Division 102)" by the Greater Chennai Corporation of Tamil Nadu. This prestigious award was graciously received by our college principal from the esteemed Chennai Mayor, highlighting our institution's commitment to exemplary service and community impact.

File Description	Document
Upload Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 76

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
22	13	9	16	16

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 5

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
2.1.2	<p>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats) Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>490</td> <td>574</td> <td>478</td> <td>656</td> <td>758</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>422</td> <td>527</td> <td>443</td> <td>585</td> <td>652</td> </tr> </tbody> </table> <p>2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>570</td> <td>658</td> <td>565</td> <td>683</td> <td>751</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>490</td> <td>593</td> <td>488</td> <td>618</td> <td>679</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per shared report of seats filled against reserved categories (SC, ST, OBC).</p>	2022-23	2021-22	2020-21	2019-20	2018-19	490	574	478	656	758	2022-23	2021-22	2020-21	2019-20	2018-19	422	527	443	585	652	2022-23	2021-22	2020-21	2019-20	2018-19	570	658	565	683	751	2022-23	2021-22	2020-21	2019-20	2018-19	490	593	488	618	679
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Remark : DVV has verified data shared by HEI and considered paper published in 2022 as 2022-23, 2021 as 2021-22 and so on and value change accordingly.

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
5	4	0	0	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
2	4	0	0	0

Remark : DVV has verified data shared by HEI, books published in 2022 considered as 2022-23, 2021 as 2021-22 and so on, after excluding books published without ISBN hence value change accordingly.

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
26	22	15	26	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
22	13	9	16	16

Remark : DVV has excluded repeated programs.

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

5.3.1.1. *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years*

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	3	2	1	8

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
3	3	2	1	8

Remark : DVV has verify the data shared by HEI, considered only university, state and national level awards hence value change accordingly.

2.Extended Profile Deviations

ID	Extended Questions
1.1	<p>Number of teaching staff / full time teachers during the last five years (Without repeat count): Answer before DVV Verification : 54 Answer after DVV Verification : 135</p>