

National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: OVERALL

Submitted Institute Data for NIRF'2023'

Institute Name: Chettinad Academy of Research and Education [IR-O-U-0451]

Sanctioned (Approved) Intake

Academic Year	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
UG [3 Years Program(s)]	31	30	65	-	-	-
UG [4 Years Program(s)]	256	125	182	202	-	-
UG [5 Years Program(s)]	298	250	250	150	150	-
PG [1 Year Program(s)]	1	-	-	-	-	-
PG [2 Year Program(s)]	84	70	-	-	-	-
PG [3 Year Program(s)]	142	126	122	-	-	-
PG-Integrated	29	0	0	0	0	-

Total Actual Student Strength (Program(s) Offered by Your Institution)

(All programs of all years)	No. of Male Students	No. of Female Students	Total Students	Within State (Including male & female)	Outside State (Including male & female)	Outside Country (Including male & female)	Economically Backward (Including male & female)	Socially Challenged (SC+ST+OBC Including male & female)	No. of students receiving full tuition fee reimbursement from the State and Central Government	No. of students receiving full tuition fee reimbursement from Institution Funds	No. of students receiving full tuition fee reimbursement from the Private Bodies	No. of students who are not receiving full tuition fee reimbursement
UG [3 Years Program(s)]	29	92	121	73	36	12	14	16	0	1	26	3
UG [4 Years Program(s)]	320	405	725	486	203	36	85	96	0	10	155	16
UG [5 Years Program(s)]	481	614	1095	608	372	115	6	35	0	11	26	4
PG [1 Year Program(s)]	0	1	1	1	0	0	0	0	0	0	0	0
PG [2 Year Program(s)]	28	115	143	87	43	13	21	31	0	10	37	5
PG [3 Year Program(s)]	168	184	352	174	141	37	0	13	0	3	8	2
PG-Integrated	12	16	28	20	7	1	3	4	0	1	5	1

Placement & Higher Studies

UG [3 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students admitted through Lateral entry	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
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2017-18	120	106	2018-19	0	2019-20	102	41	330000(Rupees Three Lakhs Thirty Thousand Only)	61
2018-19	100	98	2019-20	0	2020-21	93	18	310000(Rupees Three Lakhs Ten Thousand Only)	75
2019-20	65	62	2020-21	0	2021-22	58	17	230000(Rupees Two Lakhs Thirty Thousand Only)	41

UG [4 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students admitted through Lateral entry	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2016-17	175	170	2017-18	0	2019-20	163	161	480000(Rupees Four Lakhs Eighty Thousand Only)	2
2017-18	202	196	2018-19	0	2020-21	191	167	420000(Rupees Four Lakhs Twenty Thousand Only)	24
2018-19	202	188	2019-20	0	2021-22	171	151	380000(Rupees Three Lakhs Eighty Thousand Only)	20

UG [5 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students admitted through Lateral entry	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2015-16	150	150	2016-17	0	2019-20	144	120	900000(Rupees Nine Lakhs Only)	24
2016-17	150	150	2017-18	0	2020-21	142	139	780000(Rupees Seven Lakhs Eighty Thousand Only)	3
2017-18	150	150	2018-19	0	2021-22	121	121	720000(Rupees Seven Lakhs Twenty Thousand Only)	0

PG [1 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2019-20	3	3	2019-20	3	3	1620000(Rupees Sixteen Lakhs Twenty Thousand Only)	0
2020-21	3	0	2020-21	0	0	0(Zero)	0
2021-22	1	1	2021-22	1	1	1125000(Rupees Eleven Lakhs Twenty Five Thousand Only)	0

PG [2 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2018-19	60	56	2019-20	52	52	540000(Rupees Five Lakhs Forty Thousand Only)	0
2019-20	73	63	2020-21	63	46	475000(Rupees Four Lakhs Seventy Five Thousand Only)	17
2020-21	70	62	2021-22	59	50	460000(Rupees Four Lakhs Sixty Thousand Only)	9

PG [3 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students admitted through Lateral entry	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2017-18	54	38	2018-19	0	2019-20	36	33	1860000(Rupees Eighteen Lakhs Sixty Thousand only)	3
2018-19	54	41	2019-20	0	2020-21	41	41	1720000(Rupees Seventeen Lakhs Twenty Thousand only)	0
2019-20	122	107	2020-21	0	2021-22	106	104	1650000(Rupees Sixteen Lakhs Fifty Thousand only)	2

PG-Integrated [5 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2015-16	0	0	2019-20	0	0	0(Zero)	0
2016-17	0	0	2020-21	0	0	0(Zero)	0
2017-18	0	0	2021-22	0	0	0(Zero)	0

Ph.D Student Details

Ph.D (Student pursuing doctoral program till 2021-22 Students admitted in the academic year 2022-23 should not be entered here.)			
			Total Students
Full Time			119
Part Time			144
No. of Ph.D students graduated (including Integrated Ph.D)			
		2021-22	2020-21
Full Time			8
Part Time			3
		2019-20	
Full Time			8
Part Time			2

PG (Student pursuing MD/MS/DNB program till 2021-22 Students admitted in the academic year 2022 - 23 should not be entered here)

Number of students pursuing PG (MD/MS/DNB) program

339

No. of students Graduating in PG (MD/MS/DNB) program

2021-22

2020-21

2019-20

106

41

36

Online Education

1. Does all programs/courses were completed on time.	Yes		
2. Measures taken to complete the syllabus of courses and programs.	<p>Our Institute is offering "Electrocardiogram – Interpretation and Application in Clinical Practice" in NPTEL Swayam Portal. This Course is fully offered by our institute and our faculty members have taken various topics and this program has been in the offering for past one year in NPTEL Swayam Portal. We are also approved to offer one more program in NPTEL Swayam Portal on "Pulmonary Function Test – Interpretation and Application in Clinical Practice". More than 1500 Students have enrolled in various programs offered in NPTEL Swayam, DIKSHA, and several of them were certified in many of the programs.</p> <p>CARE had in place a fully information technology-enabled eco system ((24x7 LAN and Wi-Fi broad band connectivity and an in-house developed e-learning platform, Chettinad Learning Management System (LMS)) for effective teaching and learning. Audio visual modules developed for theory and practical classes were available in this platform for "anytime anywhere access". Over 2000 UG and PG students benefitted from online teaching. CARE has been duly awarded QS I. Gauge E Lead (E-Learning Excellence for Academic Digitization) certification. CARE has well-structured procedures for development of e-content by teachers and to facilitate the use of Open Educational Resources (OER). Training was imparted to faculty members to conduct high quality; web compliant audio and video recordings using Premiere Pro software and perform post recording editing and processing as well as the use of Camtasia and Knowledge Presenter Pro Version XII to produce highly customized, interactive, engaging e-content. The well-defined SMART (Specific, Measurable, Achievable, Relevant and Time oriented) course outcomes mapped with the program outcome-enabled the teachers to be highly focused on the curriculum completion. The heads of departments were periodically monitoring the progression of syllabus coverage. The contents of every lecture were clearly laid out prior to enable students to be more focused. In the initial stages of the pandemic the education was 100 percent online on zoom platform which was strengthened with unlimited timing with capacity of up to 1000 participants at a time. For seamless communication, Microsoft Teams Platform was procured to bring virtual face to face connections, assignments, exams, and conversation into single environment. Once the lockdown was relaxed and the students were permitted to visit the institute, hybrid education was followed, which enabled the students to attend a combination of online theory classes and in campus practical classes while following maximum safety precautions. Live Demonstration of Practical exercises were conducted. Students were also encouraged to present seminars online. Assignments, viva, and MCQs-based exams were evaluated through Google classrooms. Online Proctored Examination was conducted by sharing the questions on Google classroom and the students were monitored using Microsoft teams. Webinars, Conferences, Workshops, CME programs were organized in virtual mode for further augmentation and understanding of the curriculum. Online student feedback enabled the faculty to fine tune the delivery for covering curriculum pertaining to the specific outcomes of the programs. Students were encouraged to enroll in various courses in Swayam/NPTEL platform for value addition.</p>		
3. The period of delay in completion of syllabus (in months).	0		
4. The period of delay in conducting exams (in months).	0		
Portal Name	No. of students offered online courses which have credit transferred to transcript	Total no. of online courses which have credit transferred to the transcript	Total no. of credits transferred to transcript
Swayam	1150	21	515
DIKSHA	390	31	357
5. No. of courses developed and available online on Swayam platform by your institution faculty	2		

Financial Resources: Utilised Amount for the Capital expenditure for previous 3 years

Academic Year	2021-22	2020-21	2019-20
	Utilised Amount	Utilised Amount	Utilised Amount
Annual Capital Expenditure on Academic Activities and Resources (excluding expenditure on buildings)			
Library	111598290 (Rupees Eleven Crores Fifteen Lakhs Ninety Eight Thousand Two Hundred and Ninety Only)	25932557 (Rupees Two Crores Fifty Nine Lakhs Thirty Two Thousand Five Hundred and Fifty Seven Only)	14601145 (Rupees One Crore Forty Six Lakhs One Thousand One Hundred and Forty Five Only)
New Equipment for Laboratories	787636700 (Rupees Seventy Eight Crores Seventy Six Lakhs Thirty Six Thousand Seven Hundred only)	108105402 (Rupees Ten Crores Eighty One Lakhs Five Thousand Four Hundred and Two Only)	36981739 (Rupees Three Crores Sixty Nine Lakhs Eighty One Thousand Seven hundred and Thirty Nine Only)

Engineering Workshops	20110833 (Rupees Two Crores One Lakh Ten Thousand Eight Hundred and Thirty Three Only)	11119626 (Rupees One Crore Eleven Lakhs Nineteen Thousand Six Hundred and Twenty Six Only)	32269111 (Rupees Three Crores Twenty Two Lakhs Sixty Nine Thousand One Hundred and Eleven only)
Other expenditure on creation of Capital Assets (excluding expenditure on Land and Building)	186218452 (Rupees Eighteen Crores Sixty Two Lakhs Eighteen Thousand Four Hundred and Fifty Two Only)	76584625 (Rupees Seven Crores Sixty Five Lakhs Eighty Four Thousand Six Hundred and Twenty Five Only)	69977335 (Rupees Six Crores Ninety Nine lakhs Seventy Seven Thousand Three Hundred and Thirty Five Only)

Financial Resources: Utilised Amount for the Operational expenditure for previous 3 years

Academic Year	2021-22	2020-21	2019-20
	Utilised Amount	Utilised Amount	Utilised Amount
Annual Operational Expenditure			
Salaries (Teaching and Non Teaching staff)	1308412424 (Rupees One Hundred and Thirty Crores Eighty Four Lakhs Twelve Thousand Four Hundred and Twenty Four Only)	957982739 (Rupees Ninety Five Crores Seventy Nine Lakhs Eighty Two Thousand Seven Hundred and Thirty Nine only)	823401674 (Rupees Eighty Two crores Thirty four Lakhs One Thousand Six Hundred and Seventy Four Only)
Maintenance of Academic Infrastructure or consumables and other running expenditures(excluding maintenance of hostels and allied services,rent of the building, depreciation cost, etc)	1953613573 (Rupees One Hundred and Ninety Five Crores Thirty Six Lakhs Thirteen Thousand Five Hundred and Seventy Three Only)	1158524681 (Rupees One Hundred and Fifteen Crores Eighty Five Lakhs Twenty Four Thousand Six Hundred and Eighty One Only)	1109684618 (Rupees One Hundred and Ten Crores Ninety Six Lakhs Eighty Four Thousand Six Hundred and Eighteen Only)
Seminars/Conferences/Workshops	25436915 (Rupees Two Crores Fifty Four Lakhs Thirty Six Thousand Nine Hundred and Fifteen Only)	12771740 (Rupees One Crore Twenty Seven Lakhs Seventy One Thousand Seven Hundred and Forty Only)	9106281 (Rupees Ninety One Lakhs Six Thousand Two Hundred and Eighty One Only)

IPR

Calendar year	2021	2020	2019
No. of Patents Published	12	8	19
No. of Patents Granted	1	1	0

Sponsored Research Details

Financial Year	2021-22	2020-21	2019-20
Total no. of Sponsored Projects	62	330	221
Total no. of Funding Agencies	28	10	18
Total Amount Received (Amount in Rupees)	133919678	301398966	257809181
Amount Received in Words	Rupees Thirteen Crores Thirty Nine Lakhs Nineteen Thousand Six Hundred and Seventy Eight Only	Rupees Thirty Crores Thirteen Lakhs Ninety Eight Thousand Nine Hundred and Sixty Six Only	Rupees Twenty Five Crores Seventy Eight Lakhs Nine Thousand One Hundred and Eighty One Only

Consultancy Project Details

Financial Year	2021-22	2020-21	2019-20
Total no. of Consultancy Projects	584	393	328
Total no. of Client Organizations	374	393	328
Total Amount Received (Amount in Rupees)	235311880	84631571	75678549
Amount Received in Words	Rupees Twenty Three Crores Fifty Three Lakhs Eleven Thousand Eight Hundred and Eighty Only	Rupees Eight Crores Forty Six Lakhs Thirty One Thousand Five Hundred and Seventy One Only	Rupees Seven Crore Fifty Six Lakhs Seventy Eight Thousand Five Hundred and Forty Nine Only