

PROSPECTUS 2024-2025

MCA

(MASTER OF COMPUTER APPLICATIONS)



SREE NARAYANA INSTITUTE OF TECHNOLOGY

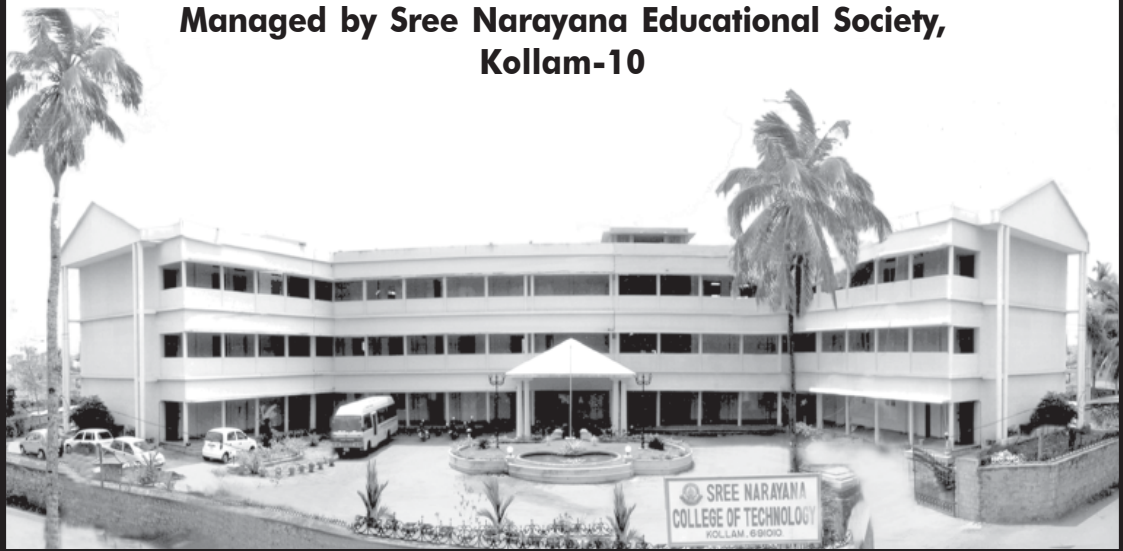
VADAKKEVILA P.O., KOLLAM - 691 010

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Approved by AICTE & Affiliated to the University of Kerala.

**Managed by Sree Narayana Educational Society,
Kollam-10**





" I have been touring different parts of the world. During these travels, I have had the good fortune to come into contact with several Saints and Maharshis. But I have frankly to admit that I have never come across one who is spiritually greater than SWAMI NARAYANA GURU of Malayalam; nay, a person who is on a par with him in spiritual attainments".

Rabindranatha Tagore

ഒരുവർഷം

1

ദൈവമേ! കാത്തുകൊൾകുന്നു
കൈവിടാതിരുന്നു ഞങ്ങളെ ;
നാവികൻ നീ ദവാബ്ബിക്കൊ-
രാവിവൻതോണി നിൻപദം.

2

ഒന്നെന്നായെണ്ണിയെണ്ണിത്തൊ-
ട്ടെണ്ണം പൊരുളൊടുങ്ങിയാൽ
നിന്നിടും ദൃക്കുപോലുള്ള
നിന്നിലസ്‌പന്ദമാകണം.

3

അന്നവസ്‌ത്രാദി മുട്ടാതെ
തന്നു രക്ഷിച്ചു ഞങ്ങളെ
ധന്യരാക്കുന്ന നീയൊന്നു-
തന്നെ ഞങ്ങൾക്കു തമ്പുരാൻ

4

ആഴിയും തിരയും കാറ്റും
ആഴവും പോലെ ഞങ്ങളും
മായയും നിൻ മഹിമയും
നീയുമെന്നുള്ളിലാകണം.

5

നീയല്ലോ സൃഷ്ടിയും, സ്രഷ്ടാ-
വായതും സൃഷ്ടിജാലവും
നീയല്ലോ ദൈവമേ, സൃഷ്ടി-
ക്കുള്ള സാമഗ്രിയായതും.

6

നീയല്ലോ മായയും മായാ-
വിയും, മായാവിനോദനും
നീയല്ലോ മായയെ നീക്കി-
സ്സായുജ്യം നൽകുമാറുനും.

7

നീ സത്യം ജ്ഞാനമാനന്ദം
നീ തന്നെ വർത്തമാനവും
ദൂതവും ദാവിയും വേദ-
ല്ലോതും മൊഴിയുമോർക്കിൽ നീ.

8

അകവും പുറവും തിങ്ങും
മഹിമാവാർന്ന നിൻപദം
പുകഴ്ത്തുന്നു ഞങ്ങളെ
ദഗ്ദ്ധനേ! ജയിക്കുക.

9

ജയിക്കുക മഹാദേവ!
ദീനാവന ! പരായണ!
ജയിക്കുക ചിദാനന്ദ!
ദയാസിന്ധോ! ജയിക്കുക

10

ആഴമേറും നിൻമഹസ്സാ-
മാഴിയിൽ ഞങ്ങളാകവേ
ആഴണം വാഴണം നിത്യം
വാഴണം വാഴണം സുഖം.

- ശ്രീനാരായണഗുരു

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Vision of the Institute

“ To develop a Centre of Excellence, which imparts quality education to mould a new generation of technocrats.”

Mission of the Institute

“ To groom young men and women to face the challenges ahead by nurturing the innate qualities in them upholding human values.”



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PROSPECTUS 2024 - 2025

KOLLAM AND ITS HERITAGE

Kollam, formerly known also as Quilon, is an ancient centre of culture and maritime trade. The saying “കൊല്ലം കണ്ടവന് ഇല്ലം വേണ്ട ” is true in every sense. Graced by the Arabian sea and blessed with the famous backwaters of Ashtamudi lake, Kollam is a great tourist centre as well.

The city of Kollam gained its lost place of pride in modern times with the establishment of the Sree Narayana Colleges by Sri. R. Sankar. More recently, the Sree Narayana Educational Society, established in 1986, has contributed considerably to the educational revival of this ancient city.

THE MANAGEMENT

The Sree Narayana Educational Society was established by a group of enthusiastic men under the leadership of Prof. S. Sivaprasad, former Principal, Sree Narayana College, Kollam. All the persons associated with this organization were instrumental to the successful establishment of the erstwhile Sree Narayana Open University, from where a large number of students from the length and breadth of Kerala got selected to professional courses during 1980's. It was this rich experience in educational management that has prompted the establishment of the Sree Narayana Public School, Vadakkevila, Kollam. Sree Narayana Educational Society was established in 1986 as a charitable society devoted to educational and cultural activities. The emergence of the Sree Narayana Public School has changed the secondary school scenario of Kollam city and neighbouring places. From its inception in 1987, the school was able to carve out a special place of pride in educational activities and a large number of students got the opportunity to scale heights of glory and achievements through the school. Most of them are well placed as Technical / Medical/ Educational professionals or pursuing their studies in national and international institutions. The growth of this institution was quite phenomenal.

THE INSTITUTE OF TECHNOLOGY

With this unique background the Sree Narayana Educational Society has decided to step into the Higher Education field. Because of the realistic approach by the then Government to the educational needs of the state in response to the national and international demands. This God's own land should be the centre of activities for international business entrepreneurs. It was with this vision that the organizers launched the **Sree Narayana Institute of Technology** in 2003.

As per the directions of the All Indian Council for Technical Education and the University of Kerala, the technical educational stream offering M.C.A. (Master of Computer Applications) programme was started.

All efforts are taken to bring up this institution on par with any other institution of its kind with national stature. The academic programme is offered as per the syllabi of the University of Kerala. Special efforts are taken to inculcate professional and ethical values among the students to enable them to cope with the global demands. Personality development programmes, training for improving communication skills and special projects to apply the knowledge gained from the subjects learned are being effectively implemented. Regular invited lectures by experts from the industry are arranged to update the knowledge level of the students and to expose them to the current needs of the industry in tune with the latest technical developments.

VISION OF THE DEPARTMENT :

“To develop a centre of excellence for imparting value based quality professional education comparable with best in the world.”

MISSION OF THE DEPARTMENT :

M1: To build across the institute a culture of excellence in teaching, learning and research with needed performance and accountability from all support activities.

M2: To build a system of education through continuous process giving emphasis on professional attitude, emotional quotient, ethics, interpersonal and entrepreneurial skills which free a person from all bondages as espoused by Sree Narayana Guru.

M3: To cultivate a collaborative learning culture where students and teachers update their skills through industry interaction and collaboration.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1	Have strong foundation in Computer Science and application to excel in diverse career paths.
PEO2	Imbibe Professional attitude, emotional quotient, ethics inter-personal and entrepreneurial skills.
PEO3	Be adaptable to rapidly changing technological advancements through lifelong learning giving emphasis to research.

Programme Outcomes (POs) for MCA

Master of Computer Applications (MCA) programme is designed to ensure that each student acquires the desired competencies after graduating with a degree of MCA as stated below. To attain the same, Programme Outcomes (POs) for MCA are identified and described as follows.

PO1 : Demonstrate the computational intelligence, computing and management ability to apply these to professional careers.

PO2 : Recognize the necessity, and have the ability, to contribute for the development of the society.

PO3 : Promote continuous life - long learning, team work and through education should be able to appreciate human values and ethics.

PO4 : Able to articulate the knowledge of professional ethics and cyber regulations, responsibilities and norms of professional computing.

PO5 : Able to use the logical thinking and critical analysis for problem solving and Evaluation.

Programme Specific Outcomes (PSO)

PSO	Description
PSO1	Demonstrate technical skill and domain knowledge to develop solutions for addressing the real world issues.
PSO2	Applying entrepreneurial skills and software management skills augmented with a rich set of communication, team work and leadership skills to excel in their profession.
PSO3	Upgrade the skill set to current industry standards to make the students industry ready professionals.
PSO4	Obtain practical hands on experience in programming languages including python, Java to solve problems.
PSO5	Provide opportunity for the students to develop the entrepreneurial skills and innovative contributions with their start - ups.
PSO6	Apply scientific knowledge of computing fundamentals and domain knowledge appropriate for resolving the real world problems.

FACILITIES

The Institute has ample infrastructure as per AICTE norms like permanent well experienced faculty members, state-of-the art Computer Lab with five tower servers, CAT6 networked to 90 quad core nodes with gigabyte Cisco router/ switches facilitating SNIT's private cloud with wireless fidelity of 32Mbps connectivity. We have a well stocked library with latest edition text books and reference books. In addition, we have digital books with online learning facilities with the support of Spoken Tutorial, UoK. Our campus has Wi-Fi facility, smart classrooms, ample parking area with a serene atmosphere.

Prospectus 2024 - 2025

As part of Government of Kerala Startup mission initiative, 1EDC cell of SNIT took the initiative to have our own startups, Campus to Industry (C2I) Implicit Idea innovation hub R&D Lab, IoT and Robotic Lab. We are associated with a Linux Academy (Supported by ICFOSS) where open source software training is provided. We have a well established Placement Cell. Our institute is one among the listed institutions for placement by fortune 500 companies. Frequent IT Events are conducted by the department to nourish and to promote student's IT skills.

RESULT ANALYSIS OF LAST THREE YEARS:

Sl. No.	Year of Passing	Course Period	Pass Percentage	Distinction	First Class
1	Dec. 2021	2019 to 2021	100%	71%	29%
2	Dec. 2022	2020 to 2022	74%	33%	41%
3	Jan. 2023	2021 to 2023	89%	51%	37%

PLACEMENT DETAILS OF LAST THREE YEARS

2021 - 2023 Batch		2019 - 2022 & 2020 - 2022 Batch		2018-2021 Batch	
Name of Company	No. of students	Name of Company	No. of students	Name of Company	No. of Students
Info Apps	1	Interland Technology Services Pvt. Ltd	15	6D Technologies, Bangalore	2
Tryzens, TVM	1	BMC Engineering college, Sasthameotta	1	Alza Incorporation, Trivandrum	1
Tenzotech, Noida	1	Devstackup	2	Orion Innovation, Kochi	2
Techversant, Technopark	1	Webandcraft	3	AppBucket LLC	1
Inovace Digital	1	Vodafone idea ltd	1	TCS	4
Logiprompt	2	6D Technologies	5	Interland Technologies	3
Applexus	1	Travancore Medicity	2	Naico Information Technology	1
QSpyder	8	Resfeber Infosolution	1	UST Global	6
Innovation, Bangalore	1	Cybmirror Innovations	1	Envestnet	1
		Amritha Vidhalaya	1	CCS Technology	2
		Zoople Technologies	1	Inings Technology LLP	1
		Up2tech	2	IBS	2
		Zyntegra solutions Pvt Ltd kochi	1	qUest	1
		Lucent	1	Headspin	2
		Applexus technologies	2	Prodatamation , Trivandrum	1
		Geojit	1	Applexus	1
		BlogTech Software	1		
		DB Tech	1		
		TCS	4		
Total:	17		46		31

COURSES OFFERED :

1. **Master of Computer Application (MCA):** 2 year Regular MCA Course (4 Semesters). Approved by AICTE and Affiliated to the University of Kerala.
Number of seats : 60

Eligibility for admission

Master of Computer Applications (MCA): 2 year Regular MCA Course

1. Candidates should have passed BCA / B.Sc. (Computer Science) /B.Sc. (IT)/ B.E. (CSE) / B.Tech (CSE), BE (IT)/ B.Tech (IT) or equivalent Degree

OR

Passed any graduation degree (eg. B.E. / B. Tech / B.Sc. / B.Com / B.A. / B. Voc. etc) preferably with Mathematics at 10+2 level or at Graduation level.

Obtained at least 50% marks (45% mark in case of candidates belonging to reserved category) in the qualifying examination.

3. For students having no Mathematics background compulsory bridge course will be framed by the respective University / Institution and additional bridge courses related to computer subjects as per the norms of the concerned University.
4. Candidates seeking admission must ensure the eligibility of their qualifying degree / programmes / courses by the University of Kerala prior to admission.
5. A valid MCA Entrance score is also required for admission. (Cut off mark for entrance examination is fixed as 5% and there will be **no negative marks** for incorrect answers as per last year norms.)

● **Tentative date of MCA Regular Entrance Examination: May 2024**

Allotment of Seats & Reservation Policy

Allotment of seats & reservation for SC/ST/Other Backward classes will be strictly in accordance with the Rules & Regulations stipulated by the University/ Government. Selection and allotment of candidates for the minimum 50% Government quota seats will be made based from the Rank List of MCA Entrance Examination conducted by LBS on behalf of the Director of Technical Education, Government of Kerala/ or any authorized agency following the State Reservation Rules.

50% State Merit Seats allotted to College by LBS on the basis MCA Entrance Rank. Entrance rank holders should register their details in the LBS site for State merit allotment in time. College Code is **SIA**.

The allotment Process will be done by LBS through a Single Window System of Centralized Allotment Process (CAP) based on the options submitted online by the candidates who have been included in the Rank list for admission 2023-24

50% Seats are Management Quota seats: Admission is made based on MCA Entrance Rank and as per University norms only.

Tentative date of closure of admission July 2024

FEE STRUCTURE

A. FEE STRUCTURE :

Fees will be same for Merit & Management seats

Admission Fee : Rs. 1000/-

TuitionFee : Rs. 50,000 /- per year

PTA : Rs.500/- per year

Caution Deposit : Rs. 3,000/- (Refundable)

Fees to be paid to the University of Kerala at the time of admission : Rs. 1,630/-

B. OTHER RULES

- (i) Recognition Fee: Rs.315/-, Matriculation Fee.- Rs.105/- are also applicable to the candidates who have passed their qualifying examination from Universities other than University of Kerala.
- (ii) Caution Deposit is refunded when a student leaves the institution and on producing the original receipt of caution deposit issued.
- (iii) No fees will be refunded after the last date of closing admission.
- (iv) If any candidate discontinues/leaves the institution after the closing of admissions to join other courses or for other purposes he/she is liable to pay liquidated damages as per the final decision of the Admission Supervisory Committee, Govt. of Kerala / Court of Law.

HOW TO APPLY

Any candidates who wishes to join MCA Programme under management quota in Sree Narayana Institute of Technology, Kollam 10 should compulsorily register on-line at the institute web-site **www.snit.ac.in** . They should also enter their personal details like name, gender, date of birth, address, phone numbers, community , caste etc. & upload candidate's passport size photo and signature in the given space for each.

Applicants should also upload proof of his/her eligibility qualification (as per AICTE/ University of Kerala/ASC Orders) and date of birth in on-line application like 10th Certificate, Plus Two certificate, Degree marklists, Score card of MCA Entrance 2023 and Hall Ticket of the Entrance examination in the college site.

Applicants are advised to take print out of the on-line application and submit a copy of the same together with other original certificates/documents at the time of admission interview.

INTERVIEW

Successful candidates will have to appear for an interview. Parent or guardian must accompany the candidate at the time of interview. The principal shall have the absolute right to refuse admission to any candidate without specifying any reason.

ADMISSION

All certificates in original and three passport size photographs should be produced at the time of interview.

Candidates selected for admission should pay the tuition fee for first year along with all the other fees mentioned in the prospectus at the time of admission. Second year fees to be paid in August 2024.

Late payment of fees would attract fines upto Rs. 500/- Documents to be submitted at the time of interview and admission:

1. Mark list of qualifying exam
2. Degree Certificate
3. Certificate to prove date of birth
4. Community certificate
5. Transfer certificate
6. Secondary school certificate (10th)
7. Plus Two certificate
8. Conduct certificate
9. Migration certificate *
10. Eligibility Certificate**
11. Print out of entrance rank certificate or entrance examination mark list with hall ticket / Score card / Allotment Memo (Merit students)

The original certificates are to be submitted at the college office at the time of interview. It is advised to keep sufficient number of attested photocopies of these certificates.

*** Migration certificate**

Need to be produced by candidates who have passed their qualifying examination from the Universities other than the University of Kerala.

****Eligibility certificate**

To be obtained from the University of Kerala by the candidates who have passed their qualifying examination from the Universities other than the University of Kerala.

GENERAL DISCIPLINE

1. Students are expected to maintain a very high order of discipline. No effort shall be spared to conduct themselves at all times, at all places, and on all occasions in a **manner** worthy of students of a professional course which is to lead them to high responsibility in the future.
2. The college properties should be handled with maximum care and everything possible should be done to preserve the cleanliness and tidiness of the building, furniture, library, Computer Lab and the premises.
3. Students are expected to maintain decency and decorum in dress and behaviour. Uniform dress code should be followed on the days as notified by the Principal.
4. Mobile phones and similar electronic gadgets are not permitted for use within the college campus. If a student is found violating this, the gadget will be confiscated and it will not be returned. Don't forget to switch off these when you enter the college campus.
5. Students are not allowed to loiter on the veranda during class hours. They have to remain inside their respective classrooms or in the library / computer centre.
6. Ragging in any form is strictly prohibited in the college according to the directions of the Government of India. Penalty measures to

those found guilty of ragging will extend upto immediate expulsion from the college.

7. Irregular attendance, insubordination to teachers, habitual inattention to class work, obscenity in word or act are sufficient reasons for the temporary or permanent dismissal of a student.
8. Malpractices in the testpapers and examinations will render a student liable to serve punishment which might amount to refusal of promotion to the next class or expulsion from the college. Use of programmable calculators, mobile phones and similar electronic gadgets during examinations or tests will also be treated as malpractice.
9. All the Co-curricular and extra curricular activities organised by the college are to be attended by all the students. Strict discipline will be enforced during all such events.
10. Misuse of college computing and information facilities are liable to invite punishment and penalty under the information Act, 2005.
11. Students are not permitted to go out of the campus during working hours, in case of an emergency the permission from the Principal / Head of the Department/ Chief Advisor should be sought.

ATTENDANCE, LEAVE AND PROMOTION

1. All students are expected to be present in the college on all working days and attend the classes and other academic activities in full. In case of an emergency situation or an illness, leave can be availed with the permission of the Chief Advisor and Principal using the prescribed application form.
2. Application for leave is to be submitted prior to availing the leave and only in genuine cases, it will be considered within 2 days after the leave.
3. When the application for leave is not granted or when leave is not applied for, the days of absence will be considered as unauthorized absence.
4. Once the leave is granted, the student should meet the faculty members handling the class (within 5 days after availing the leave) and get the details of leave marked in the respective attendance registers.
5. The students should keep the leave form in their custody and should produce it whenever asked for.
6. The actual attendance excluding days of leave should be within the stipulated minimum of 75% for each subject separately to appear for the end semester exam and promotion to higher semester.

7. The days of leave (when granted), will be normally considered only for awarding sessional marks.
8. When a student is having acute shortage of attendance (less than 75%) he can apply (to the University) for condonation of attendance, provided he is having sufficient number of days of leave already granted.
9. Students will be permitted to register and appear for successive semester examinations only if:
 - a. He or she has secured not less than 75% of the attendance in each semester.
 - b. His or her progress is satisfactory in the internal assessment conducted during each semester
 - c. His or her conduct is good.
10. Students will be permitted to continue subsequent semesters only if they have registered for the previous semester examination.

Any other details not specifically touched upon will be decided by the Principal whose decision shall be final.

ADMINISTRATION

MANAGING COMMITTEE

President	:	Er. M.L. Anidharan
Vice-President	:	Sri.Krishna Bhadran M.
Secretary	:	Prof. K. Sasikumar
Joint Secretary	:	Er. S. Ajay
Treasurer	:	Sri. Balachandran K.

MEMBERS OF THE EXECUTIVE COMMITTEE

Prof. G. Suresh
Sri. Dathan T.D.
Sri. Rajkumar D.
Sri. Naresh Narayanan J.
Sri. Sunilkumar A.
Sri. Rafi Kambisseri
Sri. Lalu D.
Sri. Prasad D.
Sri. Shirish Kesavan
Sri. Joy
Sri. Jayadevan S.
Sri. Rajeev V. B.
Er. Yesodharan S.K.
Sri. Ligin K.G.
Dr. Ravindran G.
Sri. Gulnar Somarajan
Sri. N. Sugatha Rao
Dr. C. N. Somarajan
Sri. Saseendran C.K.
Sri. Mohanan V.
Prof. Jayapalan K.

PRINCIPAL



Name : **Dr. T. Mahalekshmi**
Qualification : PhD, M.S., M.Sc.
Date of Joining : 07/10/2003
Experience : 39 years

FACULTY

Associate Professor



Name : **Dr. Sajeev J.**
Qualification : PhD, MCA, NET
Date of Joining : 20/08/2003
Experience : 22 years

Assistant Professors



Name : **Miriam Thomas**
Qualification : MCA, NET
Date of Joining : 16/07/2007
Experience : 17 years



Name : **Redhya M.**
Qualification : MCA
Date of Joining : 15/10/2007
Experience : 17 years



Name : **Rejitha P.R.**

Qualification : MCA, NET

Date of Joining : 03/09/2012

Experience : 12 years



Name : **Salini S. Nair**

Qualification : MCA, M.Tech, NET

Date of Joining : 01/10/2012

Experience : 12 years



Name : **Dr. Sanila S.**

Qualification : MCA, M.Tech., Ph.D

Date of Joining : 02/01/2022

Experience : 12 years



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1. B.Sc. Botany & Biotechnology
2. B.Com Commerce with Computer Application
3. B.C.A. (Bachelor of Computer Applications)
4. M.Sc. Biotechnology
5. M.Com Finance