



ANNUAL REPORT OF SSTM FOR THE ACADEMIC YEAR 2021-22

The following are the highlights of our institution for the academic year 2021-22:

- Our students bagged 11 ranks in the M G University examination during the year 2021.
- Received 5 grants from various organizations.
 1. FDP – AICTE Sponsored ATAL FDP on “Enriching the Learning Experience through experiential learning” , conducted from 12th to 16th , July 2021.
Grant Amount – Rs. 93, 000/-
 2. AICTE sponsored National Conference- “ Education 4.0- Now to Next”, from 26th to 27th November, 2021.
Grant Amount- Rs. 50, 000/-
 3. International online conference on “Cyber Security and Ethical hacking in Block Chain Technology”, from 29th September to 1st October, 2021.
Grant Amount – Rs. 50,000/-
 4. Management Development Programme for KSTRC executives-.
Grant Amount – Rs. 3, 00, 000/-
 5. Biotechnology Industry Research Assistance Council(BIRAC), for Rapid and low cost diagnostic test for Covid-19.
Grant Amount – Rs. 37,00,000/-
- Our institute provided flood relief items to Dr. P K Jayashree , District Collector, Kottayam.
- All employees and their families in SCMS Group of Educational Institutions were given 2 doses of vaccine free of cost as part of our CSR activity.
- 20 outreach programmes were conducted by SSTM during the academic year.
 1. Awareness Session on Maintenance act and Dementia
 2. Puthu Vypin Beach Cleaning
 3. World environment Day - Paper Pen Making
 4. Day with Dad
 5. Flood Relief Collection
 6. Donation to Blind School, Aluva



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7. Awareness creation on environmental day to school childrens through Eco-Tourism Quiz
 8. CRISPR 2022 Online arts and science contest for BSc students
 9. Innovation ideathon
 10. Janakeeyarogyam - Free medical Camp
 11. Hug a Tree Campaign
 12. Reading week celebration
 13. Awareness on "Drug Free India"
 14. Awareness session on "International Youth Day and Online Quiz"
 15. Road Safety Awareness Program
 16. International Day of Older Persons
 17. Awareness session on Vigilance Awareness week
 18. Palada Payasamela on Kerala Piravi to help Blind school children
 19. Blood Donation
 20. Child Protection Laws and Childline Services
- 16 workshops/seminars/Webinars/conferences were conducted in the field of IPR, Entrepreneurship and Research Methodology.
 1. National Webinar on Innovation,Start-up & Entrepreneurship
 2. Mushroom Cultivation Workshop (Entrepreneurship)
 3. Seminar on NIDHI PRAYAS
(National Initiative for Developing and Harnessing Innovations - Promoting and Accelerating Young and Aspiring innovators and startups)
[Entrepreneurship]
 4. Workshop on "Basics of Nanotechnology" (Research Methodology)
 5. National Conference on "Emerging Research and Career trends in Biosciences and Biotechnology" (Research Methodology)
 6. Workshop on "Introduction to Structural Equation Modelling" (Research Methodology)
 7. Workshop on International Yoga Day
 8. National Webinar on Digital Payment Frauds in Cyber Space (IPR)
 9. National Conference on Financial Technology (entrepreneurship)



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10. International conference on “Recent Advances in Infectious Disease Research and Epidemiology” (Research Methodology)
 11. Seminar on opportunities for higher education and research in Germany (Entrepreneurship)
 12. “Manav” (DBT) Webinar on How to read a scientific article. (Research Methodology)
 13. International Conference on Cyber Security and Ethical Hacking in Blockchain Technology
 14. Webinar “An orientation to Entrepreneurship” by Nasif NM, Assistant Manager, KSUM.
 15. Seminar - Meet the Entrepreneur (Entrepreneurship)
 16. Seminar- Dynamics of Entrepreneurial Process (Entrepreneurship)
- SCMS and Coconut development Board jointly filed a patent for “Processing Technology of NEERA”. The patent application is currently taken up for submission of first examination report to the Controller of Patents and Trademarks. Form 26 of IP 26395 filed. The work is carried out by SCMS Institute of Bioscience and Biotechnology- Research and Development. This department offers courses in B.Sc Botony and Biotechnology and M.Sc Molecular Biology and Genetic Engineering.
 - 29 paper publications by faculty members in reputed journals. Incentives were provided to faculty members with publications in Scopus indexed Journals. The following is the list of publication for the academic year 2021-22:
 1. “Customer’s preference between third party UPI Apps and Banking Apps” Devi. S Nair & Rinu Jayaprakash, Perspectiva
 2. “Do regulatory mechanisms affect corporate social performance? Evidence from emerging economies”, Dr Clement Cabral ,Journal of Cleaner Production, Scopus, SCI, Elsevier ABDC A,
 3. A STUDY OF PERCEIVED SERVICE QUALITY, PERCEIVED ECONOMIC VALUE AND CUSTOMER SATISFACTION WITH SPECIAL REFERENCES TO BSNL MOBILE SERVICES. Sari P.S,Gifi Felix, Sindhu Manoj (2020), Sambhodi, UGC Care Journal



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4. A Study on Level of Awareness And Problems Faced By Investors Towards Post Office Saving Schemes Ms.Gifi Felix Sambodhi
5. A Study on the Influence of Relationship Marketing on Customer Concerning Ernakulam Ms Sreeja Kumar, Mr Arun Kumar, Dr.K.Latha International Research Journal of Modernisation in Engineering Technology and Science
6. A Time-Series based analysis on the changing momentum of Gold, Crude, Nifty 50, Nasdaq, USD/INR and Shanghai Index with reference to COVID 19 Pandemic Dibin KK Wesleyan Journal of Research
7. Agind with the art of emotional statis in today's techie world Mary Fatima Cross SCMS Journal of Indian Management
8. An Efficient Citrus Canker Detection Method Based On Contrast Limited Adaptive Histogram Equalization Enhancement Ms Shoby Sunny IJAER
9. An exploratory research to analyse the current level of technological support for adaptive ageing in the digital era with reference to Kerala State in India Dr. Sherin Mariam Alex, Dr. J.M Lakshmi Mahesh and Ms. Anitha G Krishnan Psychology and Education, SCOPUS Indexed
10. Atma Nirbhar Abhiyaan in context of global Marketing Mr. Govind S Menon International journal of creative research thoughts(IJCRT)
11. Fabrication of a Flat Plate Photovoltaic Thermal Collector Mr. Govind S Menon International Journal of Innovations in Engineering and Technology,
12. The Impact of Covid-19 on Construction and Engineering Sectors in India and Elsewhere Mr. Govind S Menon International Journal for Research in Engineering Application & Management (IJREAM)
13. Canker Detection in Citrus Plants with an Efficient Finite Dissimilar Compatible Histogram Leveling Based Image Pre-processing and SVM Classifier. Ms. Shoby Sunny Turkish Journal of Computer and Mathematics Education
14. Comparitive Analysis on Shortest Path Computation in GPS Systems Dr. Anjana S Chandran IJCRT
15. Software Effort Prediction - A Datamining Approach Ms. Vidya Gopinath Journal of Network and Information Security
16. Consumer Behavior Trends During Covid-19 Pandemic Ms. Vidya Gopinath IJREAM



17. Consumer decision making styles and gender differences – An empirical study on young Indian consumers Dr Deepak Ashok Kumar Associate Professor The International Journal of analytical and experimental modal analysis,
18. CSR spending and the performance of the top CSR contributing companies: an analysis based on financial parameters Dibin K K Journal of oriental research
19. Daily Covid cases and selected stock market indices: An attempt to understand the movements of the NIFTY 50 index during the pandemic, Ms.Rinu Jayaprakash Anvesak.
20. Data Security in cloud service providers- a Comparison of different cryptographic methods Ms. Sudha D INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)
21. Downfall of Binanai Zinc, Case approach on inventory management side of Binani Zinc, Kochi, Vignesh Kartik Wesleyan Journal of Research
22. Downfall of Binani Zinc Ltd., Kochi Plant: Case approach on Inventory VigneshKarthik S.A.* Wesleyan Journal of Research (UGC CARE list)
23. Education 4.0 In India and Challenges in teaching-learning process Dr. Deepa Pillai and Dr.Rajeshwari R International Journal of analytical and experimental model analysis
24. Empowering Intrusion Detection system in Cloud based applications Mr. Ranjith S IJERT
25. English Language: Unravelling the Secrets Ms. Bindu John IJETMS
26. CREDIT RISK ASSESSMENT WITH FEATURE SELECTION TECHNIQUES, Ms. Jismy Joseph Journal of The Maharaja Sayajirao University of Baroda
27. Comparative Study of Rice Disease Detection methods using Digital Image Processing Ms. Jisha Lija Daniel Journal MSU of Baroda
28. A survey on Cloud Computing Security Using different Cryptographic Algorithms Sudha D Journal of the Maharaja Sayajirao University of Baroda
29. A Study on The Relationship Between CSR Spending and The Performance of The Top 10 CSR Contributing Companies With Special Reference To Financial Parameters.. Mr. Dibin K. K . and Mr. VigneshKarthik S. A. SSRN Electronic Journal



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- 11 book chapters were published by faculty members.
 1. Dr. Sujith Kumar Self Learning Material and MCQs of 3rd and 4th Semester Programmes 2019 "ORIGIN AND DEVELOPMENT OF HINDI
 2. LANGUAGE AND STRUCTURE OF HINDI" Ms Tess Jacob Demotivating factors towards Entrepreneurship career among Management Students
 3. Dr. Surya Babu S. Pokkali Krishi
 4. Dr Divya UK-Bioentrepreneurship in Biosciences - Recent Approaches Sustainable Development Goals-2030 Agenda
 5. "Dr Praveena K. and Dr Radha Thevannoor, " Research Report Writing – Craft it well
 6. Govind S Menon, India Quiz
 7. Govind S Menon, Development of a photovoltaic thermal collector
 8. Dr Shobha Menon, Case Studies on Perspectives on Entrepreneurship and Sustainability
 9. Dr Shobha Menon, Consumer Behaviour
 10. Dr Deepa Pillai, Business, Economic s and society – the shifting paradigm
 11. Dr Deepa Pillai & Dr Shobha Menon -Real Life Management Case Studies
- A total of 130 FDPs were attended by our faculty during the academic year 2021-22.
- We have a full-fledged placement cell functioning at our college. Many reputed corporates and banks have placed our students. During the academic year 2021-22, 166 students from a total of 295 students who passed out were placed in reputed firms. 30 students opted for higher education during this time span. For PG students the minimum salary that is offered is Rs. 3.6 lakhs to Rs. 4 lakhs. For the UG courses the salary that is offered is between 2.5 lakh to 3 lakhs per annum. For all the courses we have tie-up with various companies for internships. Internship provide valuable experience for the students and we encourage students to join good companies. Our placement for PG courses is 80% and for UG courses it is 60%. For UG courses, the students join for higher studied in India and abroad and that is the reason the percentage is 60%. Some of the students join their own family business and some start their own ventures which we support.
- During the academic year , the number of students who appeared the final year exams is 295 of which 153 passed. The pass percentage for the academic year 2021-22 is 51.86



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% considering only the batches for which result was published. The results are yet to be published for MBA, MCA and M.Sc courses.

Dr. G Sasikumar

Principal, SSTM

A handwritten signature in blue ink, appearing to read 'G. Sashi Kumar'.

Dr. G. SASHI KUMAR
PRINCIPAL
SCMS SCHOOL OF TECHNOLOGY AND MANAGEMENT

