

SECRETARY'S REPORT & STATEMENT OF ACCOUNTS 2020-'21

Presented at the

14th

**FBOAES
ANNUAL GENERAL
MEETING**

PARTLY HELD ONLINE

ON 31st OCTOBER 2021



FEDERAL BANK OFFICERS' ASSOCIATION EDUCATIONAL SOCIETY

(Reg. No. ER 1091/2000)

Registered under Travancore - Cochin Literary, Scientific and Charitable
Societies Registration Act of 1955 (Act-III)

13th Annual General Meeting @ FISAT



Mr. Aneesh Kumar R
President Addressing



Dr. Anitha P,
Secretary presenting the
Annual Report



Mr. Sachin Jacob Paul,
Treasurer
presenting the Annual
Accounts



Dr. Anitha P, Secretary Distributing the FBOAES Scholarship



**FEDERAL BANK OFFICERS' ASSOCIATION
EDUCATIONAL SOCIETY**

**SECRETARY'S REPORT
&
STATEMENT OF ACCOUNTS**

2020-2021

Presented at the
14th Annual General Meeting
OCTOBER 31, 2021
HORMIS NAGAR, FISAT, Mookkannoor, Angamaly
and partly held online



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Federal Bank Officers' Association Educational Society

(Reg. No. ER 1091/2000)

Regd. Office: FBOA Centre, FBOA Road, Aluva - 683101, Kerala

To All Members,

October 10, 2021

NOTICE FOR ANNUAL GENERAL MEETING

1. As per clause XV (ii) of the Bye-laws of the Federal Bank Officers' Association Educational Society, notice is hereby given for the Annual General Meeting of the Society to be held at 10.00 am on Sunday, October 31, 2021 in hybrid mode consisting of physical meeting (with restricted number of participants abiding by the COVID-19 protocol) at FISAT, Hormis Nagar, Mookkannoor, Angamaly, Ernakulam District and video conference/ other audio visual means, to transact the following business.
 - i. To approve the minutes of the Annual General Meeting dated 27.12.2020.
 - ii. To receive, consider and adopt the Report of the Secretary for the year 2020-'21.
 - iii. To receive, consider and adopt the Audited Accounts of the Society for the financial year 2020-'21.
 - iv. To conduct election as per Clause no. XX of the Byelaws to the posts of nine Managing Committee members, of which one shall be woman.
 - v. To appoint Auditors for year 2021-'23 and fix their remuneration.
 - vi. To consider and adopt amendments to the bye-laws of the Society, if any.
 - vii. To consider resolutions, if any.
 - viii. To consider any other matter permitted by the Chair.
 - ix. To declare the results of the election and install the new Managing Committee members.
2. It is hereby informed that in exercise of the provisions of Clause no. XX (iii) of the Byelaws, the Managing Committee in its meeting held on September 25, 2021 has nominated Sri. N C Varghese (Membership no. 1724) as Presiding Officer for conduct of the election to the Managing Committee.
3. Members who wish to propose private resolutions under provisions of Clause no. XV (iv) of the Byelaws shall notify the General Secretary at least ten days before the Conference furnishing a draft copy of the resolution proposed to be moved.

Advance copy of statement of accounts will be sent to members on request after 27/10/2021.

By the decision of the Managing Committee


Anitha P
Secretary

Place : Aluva

Date : 10.10.2021

- Notes:
1. In view of the continuing Covid-19 pandemic, the meeting is proposed to be held through Video Conference/ Other Audio Visual Means without insisting for the physical presence of members at a common venue. Hence the physical attendance of members has been dispensed with.
 2. The secured link and instructions for members to join the meeting will be sent to their e-mail ID/ mobile phone number registered with the Society. Members are requested to notify any change in their registered e-mail ID/ mobile phone number immediately to the Society Office in the address given above.
 3. The list of members as on 30.09.2021 is uploaded in the FBOAES website. All members are requested to verify the list and bring discrepancies, if any, to the notice of the Secretary at the earliest.



Dear President, Managing Committee Members and Members of the Society,

I extend a hearty welcome to you all to this 14th Annual General Meeting of FBOA Educational Society.

We are meeting again in a hybrid mode as the pandemic continues to ravage the globe and continue to force us to remain in the cyber space to carry out our activities. The COVID-19 virus has already claimed more than 50 lakh human lives.

The following members of the Society departed us during this period.

Abraham P.S.

Chandrasekharan Nair K P

Chacko K A

John G

Sebastian K A

Bhupesh V

Tomy Mathew K

Let us pay homage to them by observing silence for a minute.

1. 13th GENERAL BODY MEETING

The 13th General Body Meeting of the Society was held at FISAT, Mookkannoor on December 27, 2020. The Managing Committee is elected biennially for the period 2019-'21 and hence the existing Committee continued.

Aneesh Kumar R	President
Anitha P	Secretary
Sachin Jacob Paul	Treasurer
Pappachan Thekkekkara	Vice President
Jojo K J	Associate Secretary
Ajith Kumar K K	Associate Treasurer
Mohanachandran K R	Member
Paul Mundadan	Member
Rajanarayanan V M	Member
Alex T Paikada	Member
Abdul Nazar M P	Member
George C Chacko	Member

Secretary's Report for the year 2019-'20 and the Statement of Accounts for the year 2019-'20 were approved in the Annual General Meeting. The amendment of the Byelaws proposed by the Committee was approved in the Annual General Meeting.

2. ACTIVITIES DURING THE YEAR

FBOA Educational Society is promoted by the Federal Bank Officers' Association (FBOA), the sole representative body of the Officers of Federal Bank. As you are all aware, the principal activity of the Society is managing the affairs of Federal Institute of Science and Technology (FISAT), the professional college founded by the Association. The Managing Committee takes all major policy decisions in respect of the Institution. The Report by the Principal, FISAT, on the affairs of Federal Institute of Science and Technology (FISAT) is given in **Annexure I**.



2.1. POLICY MATTERS

FISAT is widely acclaimed as a premier centre of learning in the realms of technical education and management studies in the State of Kerala. The college maintains excellent track record in almost all the parameters, be it academic performance, placements, extra-curricular activities, infrastructure facilities or administration.

The present Managing Committee has been managing the affairs of the college from December 27, 2019 and is completing its term today. The period witnessed a transition to professional and structured in tune with the emerging trends. Several policy initiatives were taken by the Committee during the period to enable the Institution to occupy the unique academic space it truly deserves.

The functioning of the Committee continued to be supplemented by the Sub-Committees formed to oversee the various functions like admission, finance and human resources. The brief report on the functioning of the Sub-Committees are given hereunder.

2.1.1. Admissions

This Sub-Committee was tasked with overseeing the process of admissions through various channels like merit, management, NRI quota and society quota for the courses offered by the Institute. The Sub-Committee identified the major causes for the fall in admissions over a period of time and suggested measures to reverse the trend. The suggestions made by the Sub-Committee served as the premise for all major decisions taken by the Managing Committee to improve the quality of intake in all streams. I place on record the commendable initiative on the part of Sri. George C Chacko as the Convenor of the Committee.

2.1.2. Human Resources

Human Resources Committee took up the laborious task of review and updation of the HR policy. The policy implemented w.e.f. July 01, 2021, after review is a professionally structured one with improvements in tune with the norms and guidelines of AICTE, UGC, KTU, DTE and government authorities. The HR policy has developed into a comprehensive document capable of meeting the current requirements and future challenges. This would not have been possible but for the efforts taken by Sri. Mohanachandran K R, Convenor HR Sub-Committee.

2.1.3. Finance

The Finance Committee has effectively contributed in finalising the budget for 2021-'22 working into the details of each and every expense. The Committee has supported in streamlining the income and expenditure flows. The 'Operational Guidelines and Expenditure Rules' framed by the Committee approved during the last year was implemented w.e.f. 01.04.2021. I place on record our deep appreciation for the invaluable contributions made by, Convenor of the Sub-Committee headed by Sri. Alex Paikadey.

2.1.4. New Course

A Sub-Committee was constituted with Sri. Paul Mundadan as Convenor and Sri. George C Chacko and Sri. Rajanarayanan V M as members to study regarding the new courses to be considered. The recommendations of the Committee was the basis on which new courses were decided. I place on record my appreciation for the efforts taken by the Sub-Committee.

2.1.5. Admission Process

2.1.5.1. B. Tech Programmes

We had been following a conventional system in the the B.Tech admission process ever since the college came into being. In the demand driven market that prevailed till a few years back, we did not have much of a challenge in getting the seats filled. However, as demand started drying up, the admission process



became a serious challenge as more and more seats were remaining vacant in every passing year. The admissions in the last year suffered a heavy setback with more than 25% of the seats falling vacant. The lapsed seats in most of the streams could not be filled. Moreover the quality of admissions was severely strained, which in turn affected the academic performance, university results, quality of placement etc. which ultimately threatened the rating of the Institution. This situation called for a thorough revision of strategy to improve the quality and quantity of intake. Accordingly, the whole process was reviewed and a dynamic and flexible strategy was put in place with effect from the current year. The admission process has been made a team effort involving all departments and faculty. The strategy is intended to be a dynamic one which should be reviewed every year to meet the periodic challenges in the sector.

2.1.5.2. B.Tech Admission Strategy 2021

Motto for the year: 100% Admission with enhanced Quality

1. Ensure maximum admission with enhanced quality.
2. The admission process shall be transparent and merit based.
3. Increase the admission in NRI Quota.
4. Enhance presence of FISAT brand in Kerala, with special focus on Ernakulam and the Gulf countries.
5. Ensure involvement of entire FISAT team, especially faculty members from all streams, in the admission process.
6. All candidates approaching FISAT and found suitable for admission shall invariably be admitted to a suitable course.
7. FBOAES Community Quota seats shall be provided from the Management Quota seats, so as to enable maximum quality admission during the Government allotment of seats.
8. Scholarship Scheme based on merit introduced to attract and retain the meritorious students.
9. The fees under Management quota reduced and made uniform with that of Government Quota implemented.

Functional guidelines have been formulated for effective implementation and to ensure quality of intake in all the streams. As part of the revised strategy, liaison offices were opened at Ernakulam, Aluva and Kozhikkode to attract meritorious students from those areas. Large scale campaigns were launched on social media. Changes were made in the publicity campaign by focussing on digital campaigns which would reach directly to the aspiring students. Online coaching classes for engineering aspirants were conducted as part of the campaign. The Principal monitored the activities which were co-ordinated by a team of faculty members drawn from all departments. In view of the seriousness of the matter, the entire process was guided by the Chairman with periodical review meetings.

The revised strategy has yielded remarkable results. A record 4380 applications/ enquiries were received for Management Quota seats. The response to Government Quota admissions are very encouraging. The change of strategies is expected to help us to fill all the seats this year.

2.1.5.3. M. Tech Admissions

A cost-benefit analysis of conducting M.Tech programmes reveals that the Institution is incurring a loss of Rs. 1.67 Cr every year. There is an estimated loss of Rs. 16.5 lakhs even for the programme in Civil Engineering, which is in good demand and all the 24 seats are filled. Though conducting M. Tech programmes incur a huge loss to the Institution annually, at least one M.Tech programme in each Department is to be conducted, to maintain Research Centre, to encourage research and improve academic quality. This also has an impact on the rating of the Institution. Hence, only one programme per department



will be conducted from this year onwards, discontinuing the courses where admissions are drastically low.

2.1.5.4. M B A Admissions

FISAT Business School undertakes the admissions through a process of group discussion and interview in batches. The admission for the programme completed successfully and classes commenced for the academic year on October 18, 2021

2.1.5.5. M C A Admissions

The Department takes strenuous efforts for ensuring admissions and has been able to successfully complete the process. The classes commenced for the academic year on October 20, 2021.

2.1.6. Scholarships

We have been having a fee concession scheme for the past several years under which we used to offer fee concession to meritorious students ranked above 4000 in KEAM. Besides, there was a practice of extending fee waiver/ concession at the discretion of the Chairman to needy students hailing from the lower strata of society. We have rationalized the practice by introducing a scholarship scheme under which scholarships are extended to meritorious students on the basis of defined parameters and criteria. The scheme is designed to attract top ranked students to opt our college. It has elicited good response resulting in many top ranked students choosing our college. It is hoped that the system will serve as a handy tool to attract and retain talents which in turn will go a long way in improving the results and boosting the image of the Institution.

3. INITIATIVES TO ENHANCE ACADEMIC STANDARDS

The stiff competition that engulfed the engineering education sector during the last few years had forced us to focus solely on filling up the maximum number of seats. By default, this situation had resulted in a stagnation on the academic standards of the faculty and the students. Owing to the declining quality of the intake, the entire energy of the faculty is being channelized to tutor the students. This trend is liable to affect examination results, quality of placements and ultimately the reputation of the Institution.

It was in this context that we embarked upon a number of initiatives to elevate the institution as an intellectual hub where constant, continuous and dynamic efforts are made to enhance the academic standards and quality of teaching. The first step in this direction was to initiate steps to activate the College Research Cell and co-ordinate the research activities by the department I am happy to report that due to our persistent efforts, seven of our faculty members have been approved as Research Supervisors by KTU, enabling them to guide Ph.D scholars in their respective domains. This takes the total number of approved guides to nine. As many as 37 faculty members have enrolled for PhD programmes during the term making the total number of faculty pursuing PhD to 72.

As part of the strategy, rotation of Heads of Departments have been implemented as is the practice in other reputed institutions. Besides, it is made mandatory for all faculty members including seniors to engage classes at the Under Graduate level. AICTE standards are made mandatory in the allocation of teaching hours. All members of faculty are given fair and equal opportunities to launch innovative projects, techniques and ideas and actively involve in the various activities of the college. An objective and well defined criteria was introduced for selecting the 'Best Teacher'. These measures together have infused a lot of fresh energy into the academics and motivated the faculty across the spectrum. Simultaneously, members of faculty are encouraged to join for research course in reputed institutions. Consequently nine members of faculty have been awarded Ph.D during the period. There are six research scholars pursuing research and they along with their supervisors have produced seven SCIE indexed publications, which is measure of enhanced academic performance.



During the period under report, a scoring system named Academic Performance Indicator (API) Score based on the AICTE guidelines was introduced to quantify the performance of members of faculty. Management Review Mechanism (MRM) has been strengthened and made an effective tool for assessment and improvement of the affairs of the college.

4. HR MATTERS

During the period under report, Dr. George Isaac, who served as Principal for six years demitted office on completion of contract period. I place on record, my deep sense of appreciation and gratitude for the yeomen services rendered by Dr. George Isaac for the growth and development of the Institution.

Dr. Manoj George joined as Principal on 01.07.2021. He is a Ph.D holder in Mechanical Engineering and has 26 years of teaching experience to his credit. He was serving as the Principal of Mangalam College of Engineering, Ettumanoor, before joining FISAT.

Dr. A J Joshua, an internal candidate, was promoted as Director of the Business School.

Dean, Dr. Sunny Kuriakose left the service on completion of contract, during the period. He served the College for a period of seven years. I place on record, my deep appreciation and gratitude for the contributions made by him.

Sri. P Vinod Nair was appointed as Administrative Officer with effect from 09.08.2021.

5. FINANCE AND ACCOUNTS

The Statement of Accounts is annexed (**Annexure II**). The Audited Balance Sheet and Income and Expenditure Account for the year ended 31.03.2021 is presented for approval of the AGM. The provisional balance sheet and Income and Expenditure Account for the half year ended 30.09.2021 is provided for information of the members.

Members may recall that the Institution was passing through a deep financial crisis when this Committee took over in December 2019. I am happy to report that the days of crisis are behind us due to the sustained efforts and scientific approach adopted by the Committee. All long pending commitments and unpaid bills amounting to Rs. 2.45 Cr. have been cleared during the term. Apart from this, all outstanding gratuity payments to employees who were retired was fully cleared during the report period. An amount of Rs. 89 lakhs was incurred for the purpose. In the pandemic circumstances and falling demand situation, we have allowed collection of fees in two instalments and hence an amount of Rs. 13.35 Cr will also be received during the coming year.

It is a matter of immense satisfaction that the finances of the Institution is back in the pink of health even after clearing the above mentioned liabilities.

The large number of employees in the Institution calls for formation of a Gratuity policy under which commensurate amount be invested in annuity funds.

It is expected that the recently introduced 'Operational Guidelines and Expenditure Rules' will serve as an effective tool to curtail avoidable expenses and optimise the utilisation of resources.

5.1. FINANCIAL POSITION AS ON 31.03.2021

At the close of FY 2020-21, we have a deficit of Rs. 2.50 Cr after charging depreciation of Rs.5.95 Cr. The capital fund of Rs. 10.95 Cr. include an amount of Rs. 53,11,216.50 transferred from Federal Bank Officers' Association during FY 2006-'07.

The Budget for the financial year 2021-'22 envisages a total income of Rs. 31.49 Cr. and expenditure of Rs. 31.05 Cr. adopted by the Committee on 31.07.2021. A surplus of Rs. 44 lakhs is estimated in the budget.

**5.1.1. Loan Position**

(Amount in lakhs)

Balance outstanding	As on 31.12.2019	As on 31.03.2020	As on 31.03.2021	As on 28.10.2021
Term Loans	644.97	903.11	738.69	652.12
Overdraft& AAD availed	306.95	354.41	183.81	(0.37)
Unbilled and Pending	245.00	121.15	64.90	0
Less - Balance in Fixed, Savings and Current Accounts	(334.09)	(355.40)	(97.72)	(97.26)
Student's Fee to be Received	0	(29.39)	(246.22)	(387.86)
TOTAL	862.83	993.88	643.46	166.63

5.1.2. Membership

The membership of the Society as on 30.09.2021 is as follows:

	FBOA/ Former FBOA members	Grand Patrons	Patrons
Membership as on 30.06.2021	2219	16	96
Additions during FY 2020-'21	79	0	0
Deletions during FY2021-'22	7	0	0
Membership as on 30.09.2021	2291	16	96

5.2. INTERNAL AUDIT

Internal Audit is being leveraged as an effective tool to diagnose problems if any, in the day to day financial affairs of the College and take remedial measures. A time frame was stipulated to rectify the comments/ observations made by the Internal Auditor. I am glad to report that the system has yielded good results.

Sri. K P Rajan, our member and former Chief Manager (Accounts) in the Bank served as Internal Auditor during the period. 6 reports were submitted during the period. In his last report dated 08.10.2021, he has reported that the accounting is perfect and books are maintained properly. No comments are outstanding as on date. This is a commendable achievement indeed, compared to the position on 31.12.2019 when 153 comments were outstanding unattended. I place on record my immense gratitude to Sri. K P Rajan for the invaluable services rendered by him as the internal auditor.

6. ESTATE AND INFRASTRUCTURE

During the period we relinquished ownership of the FISAT Avenue land to the Mookkannoor Panchayath. The land was purchased from various owners at a cost of Rs. 1.13 Cr. and is expended as 'Donation'.

During the period we purchased 0.618 cents of land at a cost of Rs. 2 lakh for straightening the sharp curve at the junction near the first gate.

The long pending approval for the decennial block building is being pursued vigorously with the State Town Planning Authority.



I may report that we are yet to get exemption for an extent of land admeasuring 7.5 acres from the Government. The application for exemption is pending with the Government for approval.

7. MANAGING COMMITTEE

The Managing Committee held six meetings during the year under report.

8. SCHOLARSHIP TO THE CHILDREN OF FBOAES MEMBERS

Thirty nine students were awarded the scholarship of Rs. 10000 per student under the scholarship scheme for children of members of the Society.

9. THE WAY FORWARD

As members will appreciate, the functioning of this Committee was severely hamstrung by the dominance of the pandemic from the very beginning of the term. Added to the crisis was the deep financial difficulty that we were confronted with. I am happy to report that we could successfully surmount both the crises, thanks to the concerted efforts of the Committee, ably supported by the Principal, faculty and non-teaching staff.

Honestly, the crises were blessings in disguise since they forced us to make deep introspections into the activities and affairs of the Society and the Institution. Such analysis brought out certain weakness/shortcomings in the academic standards, work culture and fiscal health of the institution. Certain issues like recruitment process and retirement age called for a uniform pattern. The disparities in the fixation of salaries and allowances and appointment in excess of vacancies were to be addressed. The deviations in matters like faculty cadre ratio needed to be attended.

Our collective efforts to address the problems have yielded rich dividends. The best industry practices and norms have been put in place in all areas. As a result of the austerity measures and stringent control on expenditure, wasteful expenditure have been eliminated. Online system for remittance of fees has been implemented. The system has immensely helped us to ensure timely collection and follow up of fees. We have implemented uniformity in recruitment process and retirement age of staff as per HR policy. We have also optimised manpower utilisation through proper planning and implementation of HR policy. The disparities in the fixation of salaries and allowances have been addressed to a great extent. Efforts have been taken to eliminate subjectivity in the decision making process by adopting objective and non-partisan parameters. We have implemented all required measures to improve the academic standards, work culture and fiscal health of the institution. Non-core activities were dispensed with. Academic standards have been raised. Academic activities and creation of an academic environment have been brought into sharp focus. A lot of professionalism has been infused into all matters. Proper systems and procedures have been put in place and administration streamlined. The Principal is vested with the authority over the administrative and academic affairs as stipulated by Government/ UGC regulations.

Yet, many more things remain to be done. Going forward, we need to further build up on the achievement and take corrective steps in unattended areas, if any. In the extremely competitive environment prevailing in the sector, we can no more afford to be static, sterile and conservative. Professionalism, dynamism and innovative spirit shall be the guiding principles to take the institution forward. It is high time that we had shed the outdated and redundant concept of placement factories, which the Engineering Colleges no more are. They are centres of excellence, nay, intellectual hubs where the modern world is engineered. The uniqueness of FISAT being promoted by a Trade Union should enable it to be the harbinger of the changes happening in the sector.

It is also equally important to uphold and ascertain the primacy of the promoter in the running of the college. It is therefore imperative that a membership drive is launched to attract more and more serving officers to the fold of the society.



10. ACKNOWLEDGEMENT

As we come to the close of the report, I would like to express gratitude to all those who have supported me in the successful conduct of the responsibility that is bestowed upon me by the members of Federal Bank Officers' Association.

First and foremost, I would like to thank the Managing Committee of the Society headed by its President, Com. Aneesh Kumar R. The Committee members have extended support in the formulation of policies and decision making all throughout.

I would like to sincerely acknowledge and thank the whole hearted support extended by the FISAT team headed by Dr. Manoj George for their hard work and sincere efforts in the transition of the processes to a system oriented one with thrust on quality and facing the continuing challenges posed by the pandemic.

I would also like to express my sincere gratitude to Dr. George Isaac, former Principal who extended whole hearted support for meeting the challenges of financial stress and pandemic situation.

I place on record my sincere appreciation and gratitude to Dr. Sunny Kuriakose, Dean for his yeoman services and valuable contributions.

The Parent Teacher Association headed by Sri. N I Thomas is a supporting force for all our activities and I express sincere gratitude to them.

I express sincere thanks to the members of the Governing Body for their guidance, advice and support.

11. CONCLUSION

I have been associated with the Society since its inception way back in 2001, when I was an Executive Committee Member of FBOA. Later I got the opportunity to serve the Society as its Treasurer and President. The long and rich experience in these capacities have stood in good stead in discharging my duties as Secretary of the Society and Chairman of the Governing Body. I believe that my engineering background and academic orientation have supported me in accomplishing the challenging task cast upon me. Today, when I relinquish the post of Secretary, I leave with the satisfaction of putting in the best of efforts to make things better for the Society and the College.

I present the report for deliberations and adoption.

Hormis Nagar
31.10.2021


Anitha P
Secretary

**ANNEXURE I****Federal Bank Officers' Association Educational Society****PRINCIPAL'S REPORT**

ON THE AFFAIRS OF

FEDERAL INSITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

The year 2021, marked by the pandemic woes and uncertainties was active with academic activities happening on the digital mode. The physical campus activities were totally disrupted during the period due to the pandemic and the students and teachers were almost fully confined to the cyber space. The classes were conducted online and contact classes, lab sessions were conducted offline as stipulated by the university. The faculty members provided all support for remote learning along with the online classes. The final year classes have started in conventional mode on October 11, 2021. The preparations for the NBA accreditation and NAAC re-accreditation are going in full swing. The Government allotment for the admission of first year students has commenced.

A comprehensive report on the affairs of FISAT covering academic, administrative, infrastructure, human resources, financial and the major activities held in the college during the year are detailed hereunder.

1. INSTITUTION DAY

Institution Day was celebrated online on September 23, 2021. The Chairman, Dr. Anitha P, gave the Institution Day message.

A commemorative talk on Com. P V Mathew, the Founder Chairman of the first Governing Body, whose birthday falls on September 23 was made by Chairman, Dr. Anitha P. She remembered with gratitude the invaluable contributions made by Com. P V Mathew in the making and building of FISAT into a reputed centre of technical and management education in Kerala.

Dr. Arun Kumar M N, Professor, Department of Computer Science and Engineering was awarded the 'Best Teacher' award. Mr Shibu P S, Workshop Superintendent, Department of Mechanical Engineering was awarded the Best Performing Non-Teaching Staff.

2. ACADEMIC AFFAIRS

The annual sanctioned intake of students in the college is 1035 (B Tech -630 (Additional 30 students under AICTE Tuition Fee Waiver Scheme and 30 under Economically Weaker Section Scheme), M Tech — 105, MCA -120 and MBA 120), which is reviewed annually by KTU. Four new programs have been sanctioned this year - B Tech (Computer Science and Design), M Tech (Artificial Intelligence and Data Science), M Tech (Automotive Electronics) and M Tech (Renewable Energy)



The present course wise details are given below:

SL. NO	PROGRAMMES OFFERED	SANCTIONED INTAKE * (AS PER AICTE)
B. TECH.		
1.	Computer Science and Engineering	120
2.	Electronics and Communication Engineering	120
3.	Mechanical Engineering	120
4.	Civil Engineering	120
5.	Electrical and Electronics Engineering	60
6.	Electronics and Instrumentation Engineering	30
7.	Computer Science and Design	60
M. TECH.		
1.	Automotive Electronics	12
2.	Artificial Intelligence and Data Science	12
3.	Power Electronics and Power Systems	12
4.	Structural Engineering & Construction Management	24
5.	VLSI & Embedded System	12
6.	Renewable Energy	12
7.	Computer Science and Information Systems	12
8.	Computer Integrated Manufacturing	09
MBA		
1.	MBA - Master of Business Administration	120
MCA		
1.	MCA -Master of Computer Applications	120
Ph.D		
1.	Computer Science and Engineering	
2.	Electronics and Communication Engineering	
3.	Mechanical Engineering	
4.	Civil Engineering	
5.	Electrical and Electronics Engineering	



The admission process for the academic year 2021-2022 is in progress.

STUDENT STRENGTH AS ON 30.07.2021				
B.Tech II Semester-2020 Admn				
Sl. No	Branch	No of Boys	No. of girls	Total
1	EC	70	44	114
2	CS	69	55	124
3	EE	33	2	35
4	EI	12	5	17
5	ME	86	2	88
6	CE	29	31	60
Total	299	139	438	
B.Tech IV Semester - 2019 Admn				
1	EC	60	58	118
2	CS	77	53	130
3	EE	43	14	57
4	EI	25	7	32
5	ME	115	5	120
6	CE	62	48	110
Total	382	185	567	
B.Tech VI Semester - 2018 Admn				
1	EC	45	48	93
2	CS	76	48	124
3	EE	32	15	47
4	EI	26	4	30
5	ME	115	1	116
6	CE	65	50	115
Total	359	166	525	
B.Tech VIII Semester - 2017 Admn				
1	EC	47	47	94
2	CS	72	51	123
3	EE	43	18	61
4	EI	35	3	38
5	ME	119	2	121
6	CE	63	48	111
	Total	379	169	548



MBA				
Sl. No	Branch	No of Boys	No. of girls	Total
1	S2 Semester - 2020	72	45	117
2	T6 Trimester - 2019	51	65	116
2	Total	123	110	233
MCA THREE YEAR				
Sl. No	Branch	No of Boys	No. of girls	Total
1	IV Semester - 2019	11	46	57
2	VI Semester - 2018	12	55	67
	Total	23	101	124
MCA TWO YEARS				
Sl. No	Branch	No of Boys	No. of girls	Total
1	II Semester - 2020	21	93	114
	Total			
M.TECH				
Sl. No	Branch	No of Boys	No. of girls	Total
1	II Semester - 2020	11	25	36
2	IV Semester - 2019	7	27	34
	Total	18	52	70
PHD				
2019		3		
2020		1		
	Grand Total	2623	No of Boys	1604
			No of Girls	1019

3. ACCREDITATIONS

3.1. NBA ACCREDITATION

Five B Tech Programs Computer Science and Engineering, Electronics and Instrumentation Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering are successfully accredited by NBA for a period of 3 years (1/7/2020-30/6/2023). These departments are currently preparing for the next phase of accreditation due in the academic year 2022-2023. The departments of Civil Engineering, Computer Applications and Business Administration are actively preparing for NBA accreditation by adhering to 'Outcome Based Education' (OBE), and following the norms and guidelines specified by the National Board of Accreditation.



3.2. NAAC ACCREDITATION

FISAT has been accredited by the National Assessment and Accreditation Council (NAAC) in 2016 with A grade. The Internal Quality Assurance Cell (IQAC) in the College has taken up the task of developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. The IQAC submits the Annual Quality Assurance Report (AQAR) to NAAC every year on the quality sustenance initiatives undertaken in the institution. As the validity of the present NAAC accreditation expires in 2021, hectic preparations are underway for submitting the Self-Study Report (SSR) under the Revised Accreditation Framework (RAF). Since the revised guidelines require documents for 70% of the evaluations to be submitted online, the collection of data and supporting documents and their conversion to the required formats is being done on a war footing by the NAAC Core teams, NAAC Criteria Teams and their supporting faculty and staff. The Green and Energy audit process has been initiated. Registration work of FISAT Alumni Chapter has started. Audits of the NAAC data by external auditors are also in progress.

3.3. ISO 9001-2015 CERTIFICATION

Federal Institute of Science and Technology has been an ISO certified institution since 2005 and is currently following the ISO 9001-2015 standards. The ISO activities were carried out even during the Covid-19 pandemic period in order to ensure process validity and continuous improvement. For the first time, because of the pandemic, International Organisation for Standardisation has allowed the practice of remote audit, facilitating the auditors to conduct the audit without physically visiting the audit location. Internal audit was conducted in the month of February 2021 in virtual mode. The External/Surveillance audit was conducted from June 03 to 05, 2021 in remote mode. Management Review meeting in which top management reviews the progress of Quality Management System was conducted during September 13, 2021. The validity of the current certificate is till April 2022, and the next external audit due in the February 2022 will be a re-certification audit. Dr. Joshua A J served as the ISO Co-ordinator for the past several years. On his elevation to the post of Director, FBS, Mr Praveen V, Assistant Professor, FBS is the ISO-Coordinator.

The overall performance of the various departments were subjected to a detailed review by the Chairman and several improvements suggested in the Management Review Meeting held on 13.09.2021, as listed below:

- i) Setting a higher achievement target for results to make FISAT one of the top 5 engineering colleges in Kerala
- ii) Improving the research output by ensuring more quality publications from all faculty members in SCI indexed and Scopus indexed journals and monetary reward for SCI indexed publications
- iii) 100% internship for students
- iv) Participation in FDPs from institutions like NIT and IIT
- v) Placement training at department level for securing core placements
- vi) Appointment of adjunct faculty from industry
- vii) Mapping of activity plans of departments with program outcomes
- viii) Detailed planning of add on courses including mapping to program outcomes



- ix) Remedial measures for improving the results
- x) Guideship to be taken up by all PhD holders
- xi) More members from each department to be encouraged to be part of Board of Studies and Curriculum committees of KTU.

4. PLACEMENT & TRAINING ACTIVITIES

In spite of the hurdles posed by the pandemic, the campus recruitment process of the 2021 graduating batch has been a great success. All the recruitment processes were hosted in the virtual mode. FISAT students came out successful in the online recruitment process of many companies. As on 01 October, the total number of offers is 546 from 89 companies. The major companies that recruited the students this year are TCS, Infosys, Accenture & Wipro. Packages in the range of 6-8 Lakhs per annum were offered by TCS (Digital), CTS (GenC Next), Pricewaterhousecoopers, Big Binary and Byjus. The highest package was from Quantiphi with 10LPA. The total number of offers is now 558. This is the largest number in the campus placement history of FISAT.

One of the key reasons for achieving this success is attributed to the moulding of the students and the need based training programs provided to the students. The quality of the students at FISAT have been appreciated by many companies. The data pertaining to placement is presented in tables below.

The campus recruitment process of the 2022 graduating batch kicked off in the month of September 2021. 27 Companies have confirmed the recruitment process including TCS, CTS, Wipro, UST Global, Quest, Qburst in the first phase of recruitment. A few results are available and the rest of the process is currently underway. TCS has made 81 offers and Dexlock 26. There were 5 offers in SOTI and 3 in TCS-Digital with a package of 7.5 LPA. The total number of offers stands at 116 as on 15 October 2021.

4.1 BRANCH WISE PLACEMENT OFFERS

Placement Status Branch wise - as on 15 October 2021		
Student Graduating Year 2021		
Branch	Number of offers	Number of students placed
BTech CE	23	20
BTech CS	210	96
BTech EC	122	70
BTech EE	41	27
BTech EI	20	12
BTech ME	31	26
MCA	55	45
MTech VLSI	1	1
MBA	55	39
Total	558	336



4.2. LIST OF COMPANIES AND OFFERS

Placement Status - as on 15 October 2021			
Student Graduating Year 2021			
Sl No	Company	Number of offers	Package (LPA)
1	TCS	98	3.5
2	Sutherland	78	2.5
3	Infosys	47	4
4	CTS	26	4
5	US Technology	26	3.5
6	Wipro	18	3.5
7	Accenture	17	4
8	Quest Global	16	3
9	Experion	14	3.25
10	FACE	12	3.06
11	People10	11	4.5
12	Pearldata	10	3.3
13	6D Technologies	9	3.5
14	BigBinary	6	8
15	BYJUS APP	6	3
16	CodeYoung	6	7
17	EY	6	3.33
18	NeST	6	3.5
19	Imperium Management Solutions	5	3.5
20	Innoval Digital Solutions Pvt Ltd (IVL)	5	2.5
21	ITC Infotech	5	3.75
22	Qburst	5	4.26
23	Buck	4	3.5
24	Dexlock	4	4
25	PriceWaterHouseCoopers	4	6
26	Ruby Seven Studios	4	4
27	SunTec	4	4.5
28	TCS- Digital	4	7.5
29	Exacore IT Solutions	3	3
30	Factweavers	3	3



SI No	Company	Number of offers	Package (LPA)
31	Hedge School Of Applied Economics	3	1.8
32	Innovature Software	3	2.5
33	IQVIA	3	1.68
34	Mindtree	3	3
35	Ospyn Technologies	3	3
36	Prabhu Steels	3	2.09
37	SOTI	3	7.5
38	Speridian	3	3
39	Survey Sparrow	3	4
40	Travancore Analytics	3	3
41	Asianet Broadband	2	2.4
42	Capgemini	2	3
43	Care Health Insurance Limited	2	2.8
44	Entrepreneur/ Own Business	2	5
45	Envestnet	2	4.75
46	ESAF	2	3.5
47	Hexaware	2	3.5
48	Mitsogo	2	4
49	Mphasis	2	3
50	NewAgeSys Solutions (P) Ltd	2	3.5
51	SpeEdLabs	2	4.5
52	Terralogic Software Solutions	2	3.05
53	UIS Global Private Limited	2	5
54	White Rabbit	2	4.2
55	Wrench Solutions	2	2.4
56	90+ My Tuition App	1	3.6
57	AMAZON INDIA	1	3.5
58	Crayola Systems	1	1.8
59	Digital Core Technologies	1	3
60	EMA Partners	1	5
61	Federal Bank	1	8.6
62	Geojith Technologies	1	2.4
63	GramPro Business Services	1	2.5



SI No	Company	Number of offers	Package (LPA)
64	Grand Hypermarket	1	2.4
65	Guidehouse	1	3.8
66	H&R Block	1	4.49
67	IBM	1	7.25
68	IDP Education	1	4
69	Impaqtive	1	3.5
70	InApp	1	3.6
71	Intellipaat	1	5.54
72	Jaro Education	1	7
73	Kalkitech	1	5
74	Lightrains Technolabs	1	2.4
75	Manhattan Associates	1	5.5
76	Maple Tech Space	1	5
77	Mountblue Technologies	1	4.3
78	OEN	1	2.52
79	PKJ Technologies Pvt Ltd	1	3
80	Quantiphi	1	10
81	RGC Dynamics	1	1.2
82	SFO Technologies	1	2.4
83	Sunrise Biztech Systems Pvt Ltd	1	2.8
84	Tessolve Semiconductor	1	3.37
85	Tunerlabs	1	2.6
86	TutorComp	1	2
87	Vaisesika Consulting	1	3
88	Veritas Prime Labs	1	5.5
89	VVDN	1	3.2
90	XO Bills Technology FZCO	1	4.32
91	Zerone	1	2.22
	Total	558	
		Average Package	3.83
		Maximum	10

Note: The Placement season of 2022 graduating batch started during the month of August 2021 and is still underway.

**4.3. PLACEMENT STATUS**

Placement Status - as on 15 October 2021			
Graduating Year 2022*			
Branch	Number of offers	Number of students placed	
BTech CS	61	49	
BTech EC	15	14	
BTech EE	1	1	
BTech EI	4	4	
BTech ME	6	6	
MCA	28	28	
MTech PEPS	1	1	
Total	116	103	
Placement Status - as on 15 October 2021			
Graduating Year 2022*			
SI No	Company	Number of offers	Package (LPA)
1	TCS	81	3.5
2	SOTI	5	7.5
3	Dexlock	26	3.6
4	TCS- Digital	4	7.5
	Total	116	
		Average Package	5.53
		Maximum	7.5

4.4. TRAINING PROGRAMS CONDUCTED

Date	Training program	Class
Dec-Jan 2020	Wipro Specific training - FACE (Platform based)	S8 BTech
Apr 19-22, 2021	Communication Development workshop (mPower) by Vertical Eye (24 hours - Online)	S6 EIE
Apr 23-27, 2021	Communication Development workshop (mPower) by Vertical Eye (24 hours - Online)	S6 MEA
Apr 28 - 01 May 2021	Communication Development workshop (mPower) by Vertical Eye (24 hours - Online)	S6 MEB
10 April 2021	Infosys Specific Interview Training (2hr Online)	Students who cleared Infosys test
April - May 2021 (60 hours on various days)	Technical Training (Programming) by Focus 4D career Education Pvt Ltd.	S6 CSE A & CSE B



Date	Training program	Class
29 May 2021 7:00PM to 8:30PM	Placement Orientation, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech CSE
31 May 2021 6:00PM to 7:30PM	Placement Orientation, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech ECE
16 April 2021 - 19 June 2021 (60 hours on various days)	Technical Training (Programming) by Manifold Institute of Technical Education	S6 CE-A, CE-B, ME-A, ME-B, EIE
16 April 2021 - 19 June 2021 (64 hours on various days)	Technical Training (Programming) by Pragmatix Learning	S6 ECE-A, ECE-B, EEE
2 June 2021, 7:00PM - 8:30PM	Placement Orientation, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech EIE +
5 June 2021, 7:00PM - 8:30PM	Placement Orientation, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech EEE +
30 June 2021, 7:00PM - 8:30PM	Resume Building, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech CSE
01 July 2021, 7:00PM-8:30PM	Resume Building, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech EEE, EIE
02 July 2021, 7:15PM-8:30PM	Resume Building, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech ECE
03 July 2021, 7:30PM-8:30PM	Resume Building, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech ME
06 July 2021, 7:15PM-8:50PM	Resume Building, Dr. Unni Kartha G, Placement-in-charge	S6 B Tech CE
19 July 2021 to 15 September 2021	TCS - Digital Specific Training - Platform based (General Aptitude, Quantitative Ability, Logical Reasoning, Verbal and Advanced Programming)	S6 B.Tech & MCA
2 August 2021 - 30 October 2021	TCS - Ninja Cracker Training - Platform Based (General Aptitude, Quantitative Ability, Logical Reasoning, Verbal and Programming Basics)	S6 B.Tech & MCA
30 September 2021 (7:00 PM-9:30PM)	How to face Interviews (Dr. Unni Kartha G, Pragmatix)	S6 B.Tech & MCA

**5. SCHOLARSHIPS & ENDOWMENTS**

(Amount in lakhs)

SCHOLARSHIPS 2021		No. of Beneficiaries	Amount
AICTE			
1	AICTE Fee Waiver Schemes	120	60.00
2	AICTE Pragati Scholarship (Girl Students)	4	2.00
Government Of India			
3	Merit cum Means Scholarship	225	56.00
4	Central Sector Scholarship (for OBC students)	32	8.00
5	Prime Ministers Scholarship for Central Armed Police Forces	6	1.80
6	Post Matric Scholarship for Students with Disabilities	1	0.50
Government Of Kerala			
7	Lower Income Group Fee concessions	459	114.00
FBOAES Scholarship			
8	FBOAES Scholarship (Children of FBOAES members)	37	3.80
9	FISAT Scholarship 2020	100	63.40
10	Fee Concessions	240	112.51

5.1. SCHOLARSHIP SCHEMES 2021**5.1.1. Fee Structure for FISAT Scholarships**

Scholarships Based on KEAM Rank (Govt Quota Admission)				
	Branches	KEAM Rank	Fee(Rs)	Other Fees(Rs)
1.1	All B.Tech Branches	1 to 2500	8500	16875
1.2	ECE, EEE, ME, CE, EIE & CSD (Please refer the table given below)	2501 and above	25000	16875



* Conditions Apply.

** Refundable caution deposit of Rs.10000/- to be collected at the time of admission.

5.1.2. Scholarships in Government Quota –Based on KEAM rank

Details Of Scholarship - B. Tech Admission 2021 (Govt Quota)		
No	Branch	No. of students eligible for scholarships
1	Civil Engineering (CE)	6
2	Electronics And Instrumentation Engineering (EI)	3
3	Mechanical Engineering (ME)	6
4	Electrical And Electronics Engineering (EEE)	3
5	Computer Science and Design (CSD)	3
6	Electronics and Communication Engineering (ECE)	6
Total		27

* Conditions Apply.

**Scholarships will be awarded only after preparing the rank list based on the above criteria

5.1.3. Scholarships in Management Quota – Based on % of marks

Details of Scholarship - B.Tech Admission 2021 (Management Quota)			
No	Branch	% Marks in PCM (Phy, Che, Maths)	No. of students eligible for scholarships
2.1	Computer Science and Engineering (CSE)	95% - 100%	8
2.2	Computer Science and Design (CS & DESIGN)	95% - 100%	4
2.3	Electronics And Communication Engineering (EC)	90% - 100%	8
2.4	Mechanical Engineering (ME)	90% - 100%	8
2.5	Civil Engineering (CE)	85% - 100%	20
2.6	Electrical And Electronics Engineering (EEE)	85% - 100%	6
2.7	Electronics And Instrumentation Engineering (EI)	80% - 100%	4
Total			58

* Conditions Apply.

**Scholarships will be awarded only after preparing the rank list based on the above criteria

**5.1.4. Beneficiaries of Scholarship to Children of FBOAES Members**

2017 admissions				
Sl No	Branch	Name of Student	Name of Parent	Amount
1	CE	Ganga Sankar	Jwala A	10000
2	CS	Anupriya Dominic	Dominic Jacob	10000
3	CSE	Maria Sajan	Sajan Philipose	10000
4	CSE	Sona Grace John	John P D	10000
5	CSE	Devika Ajith	Ajith Kumar K M	10000
6	CSE	Pooja Susan Korah	K V Korah	10000
7	ECE	Anu Mary Joy	Joy K A	10000
8	ECE	Devika S	Sindhumul N B	10000
9	ME	Abin James	Abin James (Patron)	10000
10	ME	A Rahul Rajendran	Rajendrakumar A K	10000
11	ME	Kevin Thomas	Greta E J	10000
12	ME	Issac Paul	Yohannan M R	10000
13	CS	Adhyaksh Guhan (2 years)	Guhan Swaminathan	20000
14	CS	George Puthanangadi	Jessy George	10000
15	ECE	Sreekanth K Mohan	Rajini G K	10000
16	ME	Akber Shaj	Seema K Kareem	10000
2018 Admissions				
1	CSE	Melvyn Joseph	Joseph Varghese	10000
2	CSE	Narayanan V Eswar	Venkateswaran P	10000
3	CSE	Jenat Jose	Jose K T	10000
4	CSE	Tania Ann Anil	Mercy Anil	10000
5	CSE	Mohammed T	Siddique T	10000
6	CSE	Allen K Prince	Princemon K	10000
7	CSE	Gautham S	Sreehari G	10000
8	ME	Sidharth Menon	Aravind K	10000
9	CE	Niveditha R Prasad	Prasad M N	10000
10	CSE	Naveen K Biju	Sailaja L	10000
11	ME	Ashin Antony Babu	Babu Thomas	10000
12	CSE	Sandeep Reji Alex	Reji C Valayil	10000



2019 Admissions				
Sl No	Branch	Name of Student	Name of Parent	Amount
1	CE	Sinchan Dutta	Partha Sarathi Dutta	10000
2	CS	Sona Celin	Abraham J Menacheri	10000
3	EC	Pratyush P T	Tushara V M	10000
4	EC	Aahna Maria Issac	Issac Kurian	10000
5	ME	Sourav Nandakumar N K	Nandakumaran A K	10000
MBA - 2019 Admission				
1	MBA	Anjaly Vijay	Vijayan T I	10000
2	MBA	Aiswarya Babu	Babu P N	10000
3	MBA	Merlin George	T J George	10000
4	MBA	Ebin Joy	Joy P A	10000

5.2. ENDOWMENTS

The following endowments are awarded to students in memory of a beloved member of the FISAT family, from contributions made by their colleagues/batchmates/family.

S.No	Name of the Endowment	Department	Awarded to	Award	Sponsored by
1	Vishnu Memorial Endowment Award	Computer Applications	Best Outgoing MCA Student	Rs 3000/-	Batchmates of Mr Vishnu
2	Dr K U Joseph Memorial award	Science & Humanities	Student with outstanding performance in first year B Tech University Examination	Memento	Family of Dr K U Joseph
3	Shinoy George Memorial Award	Science & Humanities	Top scorer in Mathematics	Memento	Staff members of Science and Humanities Department
4	Hima Memorial Award	Electronics and Communication Engineering	Top scorers in second and third year	Rs 1500/- each	Batchmates of Ms Hima
5	Shaheej Memorial Award	Computer Science and Engineering	The winner of the coding competition conducted during CSE day every year	Rs 4000/-	Batchmates of Mr Shaheej



6. ACADEMIC ACTIVITIES

Due to the disruption of regular classes because of the pandemic, the classes were moved to the online mode from March 2020 onwards. To ensure smooth and fruitful delivery of online classes and to aid remote learning, the college moved to the Webex platform in the academic year 2020-21. Contact classes including theory and laboratory sessions, lab exams, university exams are conducted as per the instructions of the university, adhering to Covid protocol. Faculty members ensured that all the required learning materials including lecture videos, power point presentations etc are made available to the students to help them in their studies.

6.1. ACADEMIC RESULTS

The department wise results showing the pass percentage in the recently announced Odd Semester results is tabulated below:

Department	Program	Semester	% Result
Civil Engineering	B Tech	S2	87
		S5	67
		S7	78
		S8	99
	M Tech	S3 SECM	100
		S4 SECM	96
Computer Science and Engineering	B Tech	S2	91.72
		S5	86.29
		S7	75.83
		S8	99.17
	M Tech	S3 CSIS	100
		S4 CSIS	100
Electronics and Communication Engineering	B Tech	S2	100
		S5	59
		S7	89
		S8	96
	M Tech	S3 COEN	100
		S4 COEN	100
		S3 VLSI & ES	100
		S4 VLSI & ES	100



Electrical and Electronics Engineering	B Tech	S2	90
		S5	30
		S7	70
		S8	90
	M Tech	S3 PEPS	100
		S4 PEPS	100
Electronics and Instrumentation Engineering	B Tech	S2	77
		S5	50
		S7	63
		S8	87
Mechanical Engineering	B Tech	S2	98
		S5	74
		S7	75
		S8	71
Computer Applications	MCA	S2	93
		S3	85
		S5	91
		S6	100
FISAT Business School	MBA	T3 (2019-21)	99
		T4(2019-21)	99

6.2. QUALITY INITIATIVES IN ACADEMIC MATTERS

The Internal Quality Assurance Cell (IQAC) functioning in the college regularly monitors and reviews the quality standards followed in the institution. With focus on improving the academic ambience in the institution, the measures taken for enhancing the results, placement, research output etc are periodically evaluated. The institution has submitted the application for 2f Status of UGC. The IQAC is working to bring the activities for NAAC, NBA etc under ISO. Academic Performance Monitoring Committee under the leadership of Dr C Sheela analyses the results of the students after the series exams and suggests remedial actions to help slow learners. The Academic Progress Indicator (API) which is a standard tool in tune with the guidelines of AICTE has been refined and the refined version shall be implemented from this academic year.

As the institution is gearing up for the 2nd cycle of NAAC accreditation and NBA accreditation of Civil Engineering, Computer Applications and Management Studies departments, the implementation of a common quality template for all the accreditations is on the works. Reconstruction of the FISAT website has been initiated. The KTU and ISO audits are conducted periodically. Value added courses are offered to all students to boost their skills and knowledge. The students are actively mentored during their course of study and even upto 2 years after the completion of the course.



7. COLLEGE RESEARCH CELL (CRC)

FISAT College Research Cell was initially established as Interdisciplinary Research Cell in the year 2018 and renamed as College Research Cell in 2021. CRC is committed to promote quality research among faculty members and research scholars. The Cell envisions to provide adequate infrastructure facilities and other support for collaborative research and product development. The research activities are of high importance to a technological institution and are a necessity for ensuring high rating in the accreditations and ratings.

One of the major activities of cell is to monitor the research under KTU and other universities so that cell ensure the researchers are carrying out their work according to their research proposal and the research is keeping to time and budget and the work is being conducted ethically.

7.1. APPROVED RESEARCH SUPERVISORS OF KTU

Enhanced focus was given to improve the academic and research activities in the college. As a result of the encouragement and thrust given for research activities, as many as seven faculty members got approval as Research Supervisors of Kerala Technological University. This is a substantial increase from the existing number of just two faculty members. The following are the approved Research Supervisors:

1. Dr. Arun Kumar M N, Professor, Department of CSE (2018)
2. Dr. Paul P Mathai, Associate Professor, Department of CSE (2021)
3. Dr. Anil Kumar M N, Professor, Department of ECE (2018)
4. Dr. Krishnakumar S, Professor, Department of ECE (2021)
5. Dr. Rejeesh C R, Associate Professor, Department of ME (2020)
6. Dr. Archana R, Professor, Department of EEE (2021)
7. Dr. Parvathy R, Professor, Department of EEE (2021)
8. Dr. Unnikartha G, Professor, Department of CE (2021)
9. Dr. Kavitha P E, Associate Professor, Department of CE (2021)

7.2. RESEARCH SCHOLARS

As a result of the improved focus and thrust, Ph.D programme in the Institution has tremendously improved. Several research scholars have registered for Ph.D under the guidance of the supervisors in our college and other institutions.

7.2.1. Research Scholar registered at FISAT Research Centre (2021-22)

1. Sruthy Suresh, Assistant Professor, Department of CSE, (in KTU, Kerala, under guidance of Dr. Arun Kumar M N).
2. Lakshmi Raj, External Scholar, Full time (in KTU, Kerala, under guidance of Dr. Arun Kumar M N).
3. Vinitha V, Assistant Professor, Department of ECE, (in KTU, Kerala, under guidance of Dr. Krishna Kumar S).
4. Sona Mary Louis, Assistant Professor, Department of MCA, (in KTU, Kerala, under guidance of Dr. Paul P Mathai).
5. Treesa Sebastin, External Scholar, Part Time (in KTU, Kerala, under guidance of Dr. Archana R).
6. Roshna K I, Assistant Professor, Department of CSE (in KTU, Kerala, under guidance of Dr. Arun Kumar M N)



7.2.2. Research Scholars registered at other centres (2021-22)

1. Anitha T Nair, Assistant Professor, Department of CSE (Registered for Ph.D under Visvesvaraya Technological University (VTU), Karnataka, under guidance of Dr.Arun Kumar M N and Dr.Anitha M L , Professor, Dept. of CSE, PES college of Engineering, Mandya, Karnataka-57101).
2. Pankaj Kumar G, Assistant Professor, Department of CSE (Registered for Ph.D under Visvesvaraya Technological University (VTU), Karnataka, under guidance of Dr.Arun Kumar M N and Dr.Umesh D R , Professor, Dept. of CSE, PES college of Engineering, Mandya, Karnataka-57101).
3. Hansa J Thattil, Assistant Professor, Department of CSE (Registered for Ph.D in KTU, Kerala, under guidance of Dr.Arun Kumar M N).
4. Neena K A, Assistant Professor, Department of ECE (Registered for Ph.D in KTU, Kerala, under guidance of Dr.Anil Kumar M N).
5. Dhanya S, Assistant Professor, Department of ECE (Registered for Ph.D in KTU, Kerala, under guidance of Dr.Anil Kumar M N).
6. Shanooja, Research Scholar (FULL TIME), Department of ECE (Registered for Ph.D in KTU, Kerala, under guidance of Dr.Anil Kumar M N).

7.2.3. Paper Publications

The focus on paper publications in highly rated journals yielded results. Our research supervisors and scholars published seven SCIE indexed papers during the year in addition to various other national and international journals and academic publications. The publications in SCIE indexed journals are evaluated as very high rating and enhances the quality of research thereby improving the rating of the institution.

7.2.4. SCIE indexed Publications in 2021

A total of 7 SCIE indexed papers with IF have been published with the affiliation as FISAT

Paper Title	Name of Faculty Member	Department	Journal Name
A machine learning based framework for assisting pathologists in grading and counting of breast cancer cells	Dr. Jestin Joy	CSE	ICT Express
SignText: a web-based tool for providing accessible text book contents for Deaf learners	Dr. Jestin Joy	CSE	Universal Access in the Information Society
Synthesis and study of evolutionary optimised sensor linearisation with translinear & FPGA circuits	Noble G	ECE	International Journal of Electronics



Investigations into the Development of a Mycelium Biocomposite to Substitute Polystyrene in Packaging Applications	Dr Rejeesh C R	ME	Arabian Journal for Science and Engineering
A machine learning based framework for assisting pathologists in grading and counting of breast cancer cells	Dr. Jestin Joy	CSE	ICT Express
SignText: a web-based tool for providing accessible text book contents for Deaf learners	Dr. Jestin Joy	CSE	Universal Access in the Information Society
Synthesis and study of evolutionary optimised sensor linearisation with translinear & FPGA circuits	Noble G	ECE	International Journal of Electronics
Investigations into the Development of a Mycelium Biocomposite to Substitute Polystyrene in Packaging Applications	Dr Rejeesh C R	ME	Arabian Journal for Science and Engineering
A machine learning based framework for assisting pathologists in grading and counting of breast cancer cells	Dr. Jestin Joy	CSE	ICT Express
SignText: a web-based tool for providing accessible text book contents for Deaf learners	Dr. Jestin Joy	CSE	Universal Access in the Information Society

7.2.5. Research scholars in technology driven companies/ institutions

The research scholars attended NPTEL courses, various seminars and workshops organised by reputed institutions and technology driven companies.

7.2.6. Joint Research Supervision by faculty/scientists from other Institutes

College Research Cell could attract eminent faculty/ scientists from other reputed Institutes as joint supervisors for research activities which is a step to enhance collaborative research.

Dr. Anitha M L, Professor, Dept. of CSE, PES college of Engineering, Mandya, Karnataka

Anitha T Nair, Assistant Professor, Department of CSE (Registered for Ph.D under Visvesvaraya Technological University (VTU), Karnataka, under guidance of Dr.Arun Kumar M N and Dr.Anitha M L, Professor, Dept. of CSE, PES college of Engineering, Mandya, Karnataka-57101).

Dr. Umesh D R Professor, Dept. of CSE, PES college of Engineering, Mandya, Karnataka



Pankaj Kumar G, Assistant Professor, Department of CSE (Registered for Ph.D under Visvesvaraya Technological University (VTU), Karnataka, under guidance of Dr.Arun Kumar M N and Dr.Umesh D R, Professor, Dept. of CSE, PES college of Engineering, Mandya, Karnataka-57101).

7.2.7. Grants received from Government and non-governmental agencies for research projects, during 2021

Sl.NO	Name of the Project	Name of the Principal Investigator/ Co-investigator	Amount Sanctioned	Name of the Funding Agency
1	Development of Thiophene based Copolymers for Photovoltaic Applications	Dr. Sona Narayanan	75000	APJKTU Research Seed Money Scheme
2	Investigating the effectiveness of gesture-based learning framework for deaf students	Dr. Jestin Joy	80000	APJKTU Research Seed Money Scheme
3	Mapping of soil piping susceptible areas using integrated geophysical approach.	Panjami K	175000	APJKTU Research Seed Money Scheme
4	Sanitary pad cleaning device	Raji P	25000	Harvard grant through arunya Institute of Technology and Sciences
5	Fast Walkthrough Gateway	Noble G	23000	APJKTU CERD
6	Design and Development of a Low-Cost Home Automation Switch	Muhamed Noufal C	15000	APJKTU CERD
7	Investigating the accessibility of university websites in the state of Kerala	Dr. Jestin Joy	5000	APJKTU CERD
8	Physio-Mechanical characterization of light weight composite pavement tiles made from recycled expanded polystyrene.	Dr. Rejeesh C R	30000	APJKTU CERD

7.2.8. Events Organized

Technical Talk on “An introduction to research”, by Prof. Dr. V. Krishnamoorthy, Department of Management Studies, Kongu Engineering College, Erode, 15th March 2021

**7.2.9. Funds received for research activities**

Item	Amount
Research Seed Money	3,30,000
KTU Student Project	73,000
KSCSTE Student Project	1,28,000
KTU Funded FDP	1,88,79
AICTE Grant for Organizing Conference	50,000
Total	7,69,798

7.2.9.1. KSCSTE Student Project

Sl. No	Department	Project	Principal Investigator	Sanctioned Amount
1	CE	Estimating Landslide Risk Management Index for Nilambur Taluk, Kerala using Analytic Hierarchy Process - A case study	Mr. Jawahar. Saud S	10000
2	CE	Change Detection of Land Use Land Cover in Puzhakkal river basin	Ms. Rinu J. Achison	10000
3	CE	Recycled Plastic Laminate as a Sustainable Alternative to Wooden Lightweight Flexural Element	Dr. Kavitha P. E.	100000
4	CSE	Fully Convolutional Networks for Weed Detection	Mrs. Merin Cherian	10000
5	CSE	Artificial Intelligence Technique for Gene Expression by Tumor RNA-Seq Data	Dr. Prasad. J C	10000
6	EEE	Realization of bidirectional DC-DC converters for EV application using wide band gap power devices.	Dr. Surya Susan Alex	10000
7	EEE	Design and development of a two-phase buck converter for low power applications	Dr. Parvathy R	10000
8	EEE	Design and development of an experimental setup on the study of PV panels	Mr. Muhamed Noufal C	10000
9	ECE	Contactless UI control for lifts	Mrs. Manju C P	1010000
10	ECE	Hospital sanitizing robot	Mr. Anoop E G	110000
11	ECE	Face Mask Detection System	Mr. Noble. G	1010000
12	ME	Development of lightweight composite pavement tiles made from recycled Expanded Polystyrene	Dr. Rejeesh C R	1010000
13	ME	Weldment Corrosion Analysis of Austenitic Stainless Steel	Mr. Harish T M	110000



7.2.10. Approved Research Supervisor of other Universities:

Dr Joshua A J, Director, FISAT Business School is approved Research Supervisor, Bharathiar University, Coimbatore, (2012) and successfully guided a research scholar who was awarded Ph.D during the year.

8. ACTIVITIES AND ACHIEVEMENTS OF DEPARTMENTS

Various academic and co-curricular activities including seminars/ webinars, workshops, conferences, projects, faculty development programmes etc are undertaken by the departments for the benefit of students and staff. Due to the pandemic situation most of the activities were conducted online. The activities undertaken by Engineering Departments, Computer Applications Department and FISAT Business School and their achievements are elaborately listed in the following pages.

8.1 DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering started offering B.Tech programme in Civil Engineering in the year 2011 with an intake of 60, which was increased to 120 in the year 2013. M.Tech in Structural Engineering and Construction Management was added in the year 2014 with an intake of 24. A team of qualified faculty with ample experience is the highlight of the Department.

The B.Tech graduate program in Civil Engineering envisages to provide students with a good understanding of Civil Engineering solutions in a global, societal and environmental context, consistent with the principles of sustainable development. The course will make the students capable in identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs and objectives with professional and ethical responsibility.

The M.Tech graduate program in Structural Engineering and Construction Management focuses to impart advanced knowledge in the field of Structural Engineering and Construction Management and make them capable of providing solutions with professional and ethical responsibility. The course also gives importance to research based projects and to prepare students for teaching and further research, in addition to making them ready to satisfy current needs of the industry.

Both the programs emphasise on industry and research based projects, which would enhance their skills to become successful professionals for a holistic development.

The department is actively involved in consultancy services in the area of Material Testing and Design.

MAJOR ACTIVITIES

No	Name of the event	Names of the resource Person/Guests	Date
1	Kerala Floods 2018, Webinar	Ms. Athira P, Assistant Professor, IIT Palakkad	5 Dec 2020 Saturday
2	QGIS-Hands on Training, Webinar	Mr. Bibin Hezekiel, GIS Analyst	12 December 2020
3	Overview of building rules, registration and approval procedures	Dr. Unni Kartha G, Jawahar Saud S	5, 6, 16 Dec 2020
4	CONSILIO 2020- Student projects for the course were displayed in an exhibition and poster presentation competitions were held. Best projects were also awarded.	Staff & General Public	17 December 2020



No	Name of the event	Names of the resource Person/Guests	Date
5	Alumni Interaction - Mr. Ananthu Krishnan	Mr. Ananthu Krishnan, Founder & CEO, ProLeap	29 March 2021
6	SECON'21	SECON reviewers, chairs and keynote speakers	12 May 2021 to 14 May 2021
7	Ecosystem Restoration, Webinar	Dr Drissia T K, Senior Scientist & TPA, ED's secretariat Hydology and Climatology Research Group, Center for Water Resources Development and Management Dawn Emil Sebastian, Scientist B, Kottayam Subcentre Expert, Centre for Water Resources Development and Management	05 June 2021
8	Civil House-Alumni Talk 1 Series-1	Ashish Johnson, Production Supervisor, Concrete NZ Ltd, New Zealand	11 June 2021
9	Alumni Meet-2014-2018 Batch		13 June 2021
10	AAVISHKAR 20- Student projects for the course were displayed in a DIGITAL exhibition and video resenatation competitions were held. Best projects were also awarded.	Staff & General Public	17 June 2021
11	Adieu 2021- Farewell function of ASCE & ACE office bearers.		17 June 2021
12	Civil House-Alumni Talk 2 Series-1	Akhil M Unni, Quantity Surveyor Hills And FortConstruction LLC, Dubai	18 June 2021
13	Geomatic Dimensions in Civil Engineering, Webinar	Dr. Suresh FrancisScientist, KSREC	02 July 2021
14	How to explore Job and Migration Opportunities in Tough Market	Ajish R, Mentor FACELIFT UKDipindas, DM Approved Engineer Coordinator FACELIFT, Dubai	22 July 2021
15	2021 Adieu-Farewell to batch of 2017-2021		23 July 2021
16	2021 Laagon - Farewell to MTech of 2019-2021		28 July 2021
17	APJAKTU sponsored FDP on "Construction Industry - Present & future Trends"	5 Professors from IITs, 5 Professors from NITs, 1 professor from NSS, 1 Post Doc Fellow from Ghent University, Belgium, 6 persons from Industry	21 - 26 June 2021 (6 days)



No	Name of the event	Names of the resource Person/Guests	Date
18	Civil House-Alumni Talk 3 Series-1	Gouri C T, Senior Associate in Consulting and Valuation, CBRE, Chennai	18 Sept 2021
17	Onathsavam		18 August 2021
18	Daniel W Mead-Paper Writing Competition		12 September 2021
19	Engineer's Day Celebration- Quizgoosechase Drawing competition Poster Designing Competition		15 September 2021
21	Jumanji- Fun Activity		30 September 2021

ACHIEVEMENTS (STAFF, STUDENTS AND DEPT.)

No	Name of the Achievement	Recognized by	Date
1	Roshan Saju- 3rd Prize in 'Viral' conducted by RSET, Kakkanad	RSET, IEDC Cell	17-06-2021
2	Aswas P Manoj- Winner of Anti-Tobacco Day Quiz Contest by KMEA Engineering College	KMEA College	05-06-2021
3	Aswathi Rajan- 1st Prize in Drawing during Bhoomi 21. Aishwarya Pyarilal- 3rd Prize in Drawing during Bhoomi 21.	FISAT NSS Cell	06-06-2021
4	Sreekanth K- 3rd Prize in Violin during Thaalam 21.	FISAT NSS Cell	3-07-2021
5	Best Outgoing Student C T Ahammed Thanveer, S8 CEA, Sarath Dileep, S8 CEB	FISAT	23-07-2021
6	Appreciation for support given to departmental activities Paul Bose, S8 CEB	FISAT	23-07-2021
7	10 Grade point in KTU S7 BTech Degree Exams Swetha Maria Charles, S7 CEB Krishna Priya V S, S7 CEB	KTU	
8	9.00 CGPA and above in KTU S7 BTech Degree Exams C T Ahammed Thanveer S7 CEA, Aiswarya R Nair S7 CEA Akhila Shaju S7 CEA, Aiswarya Prasanth S7 CEA Nithul T C S7 CEB, Aswathy Madhu S7 CEA Susan Bejoy S7 CEB, Vimble Varghese S7 CEB Swetha Dinesh S7 CEB, Ayana Stanly, S7 CEA Sankeerthana G S S7 CEB, Abijith P Vinod S7 CEA Fathimathul Hadiya Kabeer, S7 CEA, Karthika Aravind S7 CEB Megha Krishnan S7 CEB, Neha Shabir S7 CEB Rose Maria S7 CEB, Sarath Dileep S7 CEB	KTU	



No	Name of the Achievement	Recognized by	Date
9	9.00 CGPA and above in KTU S5 BTech Degree Exams Divya S - S5 CEA, Koushik P - S5 CEB, Theresa Jojo - S5 CEB Navya K - S5 CEB, Krishnanunni S - S5 CEB Sneha Saji Mathew - S5 CEB, Apsara S Baiju - S5 CEA Raslana Rahaman - S5 CEB, Dean Joshy - S5 CEA Aleena Sajan Abbas - S5 CEA, Gayathri S Kumar - S5 CEA Devasena P M - S5 CEA	KTU	
10	Placements SUTHERLAND - Abijith P Vinod, Afrin Ameena, Ajay Suresh, Aman Saju, Fathima Nizwa V S, John Joseph, Malini V M, Paul Bose, Sankeerthan a G S, Shehzad Anwar, Sruthi U Krishnan, Subin Abraham Jacob, Swetha Dinesh, Swetha Maria Charles MITSOGO - Swetha Maria Charles TCS - Alok A Xavier C T, Ahammed Thanveer, Susan Bejoy INFOSYS - Christy Paul, CTS - Karthika Aravind FACE - Neha Shabir		
11	IPL Prediction winners Shemin Majeed, S4 CEBJoyal George, S2 CEB	FISAT NSS Cell	24-09-2021
12	Best Paper award to Ms Sneha Benoy	Second International Conference on Structural Engg. & Construction Management, SECON'21 organised by FISAT	15.06.2021
13	Best Thesis Award	Indian Concrete Institute and Ultratech Cements	25.03.2021
14	First Prize in All Kerala Project Competition	Procomb 2020-2021	25.09.2021
15	Fund sanctioned for a Research project	CERD Research Seed Money	02.09.2021



PUBLICATIONS

No	Name of the author	Number of publications	National / International
1	Jawahar Saud S	3	International conferences
2	Dr Asha Joseph	2	International conference
3	Beena B R	1	International
4	Dr. Unni Kartha G	2	International conference
5	Lidiya P M	1	International conference
6	Rinu J Achison	2	International conference
7	Sowmya V Krishnankutty	1	National conference
8	Keerthi Sabu	1	National conference
9	Preethi M	2	International conference
10	Dr Jiji Antony	2	International conference
11	Panjami K	1	International conference
12	Reshma Prasad	1	International Conference

8.2 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Department of Computer Science & Engineering was established in the year 2002. Annual intake of students for B.Tech Computer Science & Engineering course is 120, B.Tech Computer Science and Design is 60, M.Tech (CSIS) is 12 and M.Tech (Artificial Intelligence and Data Science) is 12. Department is also recognized by APJ Abdul Kalam Technological University as a research center for Ph.D programme. The department has competent and committed faculty which encourages students' involvement in various co-curricular activities along with their academics. Computer Science students consistently bagged top spots in the University Examinations. A large number of students from our department get placed every year in national and multinational companies. The department also takes initiative for the conduct of various inter/intra collegiate competitions to improve the skills of students.

The students are also provided with the finest opportunities to join various professional societies like ACM, IEEE, CSI, etc. CSI student branch has consecutively won the best student branch award.

Department is active in college NPTEL Local Chapter (rated with 'A' grade) through which students can join online courses offered by IIT's. The department has been organizing programmes like ICE-FOSS (Free Software Conference) in association with FISAT Free Software Cell (FFSC) and International Conference on Advanced Computing & Communication Technologies. The department has also been continuously hosting Ministry of Education (formerly MHRD) funded workshops in association with IIT's through National Mission in Education through ICT (NMEICT) programme.



No	Name of the event	Names of the resource Person/Guests	Date
Add On Courses			
1	AWS (Amazon Web Services) by ASAP	Dr. Jyothish K John	April - Oct, 2021
2	Google ACE, ASAP	Ms. Anitha T Nair	May - Oct, 2021
3	CDNS	Dr. Prasad J C, Ms. Jismy Mathew	Oct 2019 - July 2021
ACHIEVEMENTS (STAFF, STUDENTS AND DEPARTMENT)			
No	Name of the Achievement	Recognized by	Date
1	Dr. Paul P Mathai	International Conference ICACC 2021 (Rajagiri School of Engineering and Technology) - Selected as Programme Committee (Reviewer) member	21st - 23rd Oct, 2021
2	Dr. Jyothish K John	International Conference ICACA 2021 (MCA-FISAT) - Reviewer and Session Chair	15th - 16th July, 2021
3	Dr. Paul P Mathai	International Conference ICACA 2021 (MCA-FISAT) - Reviewer and Session Chair	15th - 16 July, 2021
4	Dr. Arun Kumar M N	International Conference ICACA 2021 (MCA-FISAT) - Reviewer and Session Chair	15th - 16 July, 2021
5	Dr. Reshmi R	International Conference ICACA 2021 (MCA-FISAT) - Reviewer and Session Chair	15th - 16 July, 2021
6	Dr. Jestin Joy	International Conference ICACA 2021 (MCA-FISAT) - Reviewer and Session Chair	15th - 16 July, 2021
7	Dr. Reshmi R	International Conference ICACA 2021 (MCA-FISAT) - Reviewer and Session Chair	15th - 16 July, 2021
8	Dr. Arun Kumar M N	Reviewer for ICRTST-2021, E&C Department ATMECE, Mysore-28	9th July, 2021
9	Visrutha Arundhathi R, (S8 CSE B)	Best Outgoing Student	8th - 9th July, 2021
10	Abhishek M K, Evans Nevil (S2 CSE A), Anagha Jayaraj (S6 CSE A)	Fast Typing Competition	9th July, 2021
11	Shemin Anto (S6 CSE B)Ajay Nair (S4 CSE A) Emmanuel Jojy (S4 CSE A)	SMRITHI 20-21 Competitive Programming Contest	9th July, 2021



No	Name of the Achievement	Recognized by	Date
12	Shemin Anto, Shreyas S Kumar, Narayanan V Eswar (S6 CSE B) Paul Elias, Joel Jorly, Nahid M A, Shiv Shankar Nath (S6 CSE B) Jibin George, Bennet Benny, Gautham Krishna S, Gautham S (S6 CSEA)	Best Design Project Award	9th July, 2021
13	Nikhil Mathew Thomas, Rizwi Liakath, Sangeeth P M, Vismaya, Kiran Baby, Nelvin Poly, Rahul MM, Sona K K (S8 CSE B)	Best Main Project Award	9th July, 2021
14	Staff Dr. Jestin Joy, Dr. Reshmi R Students 1. Betty Perumayan 2. Anupriya Dominic 3. Fathima Pareed 4. Dharwish Raj	Project Fund from KTU	
15	Dr. Jestin Joy	Project Fund from KTU (Fab Lab)	
16	Dr. Jyothish K John	AWS certified Cloud Practitioner Certification Awarded	30th January, 2021
17	Dr. Jyothish K John Ms. Hansa J Thattil, Ms. Jinu Mohan	Publication of Annual News Letter ICON -21	3rd May, 2021
18	Mr. Mahesh CMr. Rajesh R	Setting up and Maintaining Edx, WebEx Learning Platforms, Face Recognition attendance system implementation.	2019-21
19	George Puthanangadi (S8 CSE A)	EEE Outstanding Students Award Kochi Subsection	2nd January, 2021
20	Mohammed Nihal (S4 CSE B)	Developed Placement Portal for ASAP, Govt. of Kerala	
21	1. Nelvin Poly (S8 CSE B) 2. Kiran Baby (S8 CSE B) 3. Rahul M M (S8 CSE B) 4. Sahal S K (S8 CSE B)	Third position in Game Development competition conducted by IIT Bombay	
22	Mohammed Nihal and team (FISAT Consultancy Service), S4 CSE	Completed modules of LIBRARY AUTOMATION, FISAT	

**PUBLICATIONS**

No	Name of the Staff	Number of publications	National / International
1	Dr. Paul P Mathai	5	International
2	Siyamol Chirakkarottu	1	International
3	Dr. Jestin Joy	3	International
4	Hema Krishnan	3	International
5	Dr. Prasad J C	1	International
6	Pankaj Kumar G	2	International
7	Chethna Joy	1	International

SPORTS/CLUBS/CENTRES/ASSOCIATIONS/CELLS/NSS ACTIVITIES

Name of the Activity	Resource Persons /Guests	Date
FFSC		
National Conference on Free Software, ICEFOSS-2021	Dr. Sreeraj M, Pankaj Kumar G, Sherfin S	29th - 30th Jan, 2021
ACM		
IoT Workshop by a part of 'Edge+'	Ashik M S	18th - 21st May, 2021
Graphic Designing Workshop	Ms. Angela Johnson (Freelance Graphic Designer at Ireland)	29th May, 2021
Webinar on "Basics of Elliptic Curve"	Dr Anil Kumar M N (Professor, Dept. of ECE, FISAT)	4th February 2021
Webinar on 'Career Guidance' (Ltd.)	Mr. Aswin P Chandran (Director Edzumo Pvt 17th May 2021	
'Ask Me Anything' session	Mr. Rahul Maheshwari (Solutions Engineer, Google)	11th May 2021
THYRA-CSE ASSOCIATION		
MANTRA'21, CSE Day	9th July, 2021	
Talk Concert - "Life of a Data Engineer"	Mr. Nithish R (Alumni 2008-12)	29 March, 2021
COMPUTER SOCIETY OF INDIA, CSI		
Panel discussion on "Computer Science & Software Industry"	10 panelists	6th June 2021
ACHIEVEMENTS		
Name of the student/staff	Name of the recognition	
Dr. Arun Kumar M N	Best Teacher Award 2021	



8.3 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Established in the year 2002, the Department of Electronics and Communication Engineering is committed to providing quality professional education to aspiring engineers. The department offers UG, PG and PhD programmes. B.Tech in Electronics and Communication Engineering is an NBA accredited programme with an annual sanctioned intake of 120 students.

The department is also an approved research centre for APJ Abdul Kalam Technological University. The department has well experienced and dedicated faculty members and aims to impart sound knowledge and awareness in the latest developments in the field of Electronics and Communication Engineering. The department has 31 teaching faculty members and 5 non-teaching staff members.

MAJOR ACTIVITIES

No	Name of the event	Names of the resource Person	Date
1	Two-day workshop on “Basics of programming in python	Mr. Pankaj Kumar G, Asst. Professor, CSE	21-1-2021
2	FDP on reference management tool-Mendely	Mrs. Dhanya S, Asst. Prof Mrs. Neena K A, Asst. Prof. ECE	28-1-2021
3	Technical Talk on “Scope of semi conductor Industry”	Dr. Avinash Yadlapathi, Senior Director- Engineering Mirafr Technology	2-6-2021
4	Add on course on computer vision and AI	Noble G, Asst. Prof.Pearlsy PV, Asst. Prof.Sreelekshmy S, Asst. prof. ECE	
5	Add on course on Python for data visualisation	Basil K Jeemon, Asst. Prof. Manju CP, Asst. Prof. Bini VK, Asst. Prof. Elza George, Asst. Prof. ECE	
6	Add on course on Industry oriented semicustom layout designing using Microwind and Cadence	Nimmy M Philip, Asst. Prof. Deepa N R, Asst. Prof. Anoop EG, Asst. Prof.	
7	Project Expo of Final Year students (2017 Admission Batch)	Noble G, Asst. Prof. Sreelekshmy S, Asst. Prof. Basil K Jeemon, Asst. Prof. Manu Mohan, Asst. Prof. ECE	13-7-2021
8	Farewell function to final year students	Deepa NR, Asst. Prof. Anoop EG, Asst. Prof.	14-7-2021
9	Online Quiz Competition	Noble G, Asst. Prof. Elza George, Asst. Prof.	12-7-2021
10	Activity - Introduce science concepts through working model	Noble G, Asst. Prof.	30-8-2021



ACHIEVEMENTS

Sl	Name of the Achievement	Recognised by	Date
1	Sanctioned financial support of Rs. 23,000/- for final year project titled "Fast walkthrough gateway". Faculty in charge is Noble G, Asst. Prof. and student members are Upanya U Pai, Sanjana Josy, Meera R, Joma Elza, S8 ECE	KTU, CERD Scheme	17-6-2021
2	Filed a Patent on Embedded system, Faculty in charge is Noble G, Asst. Prof. and students are Paul Sabu, Parvathy V, Nitha B, Prajeesh P, Praveen M		14-6-2021
3	Design of the AAC device has been accepted by NISH	National Institute of Speech and Hearing	14-7-2021
4	Mr. Noble G, Asst. Prof., Selected for the Ph.D programme at IIIT, Kottayam	IIIT, Kottayam	12-7-2021
5	Mrs. Elza George, Asst. Prof., Selected for the Ph.D Programme at Amritha Vishwa Vidyapeedam, Coimbatore	Amritha Vishwa Vidya Peedam	20-7-2021
6	Mrs. Nimmy M Philip, Mrs Deepa NR, Mr. Anoop EG are provisionally admitted for the Ph.D Programme	Karunya University, Coimbatore	
7	Mrs. Subha Thomas is provisionally admitted for the Ph.D programme	Avinashilingam University, Coimbatore	24-1-2021
8	Dr. Anil Kumar MN chaired the session in International Conference "Security and Computing organized by ASIET, Kalady	IEEE Kerala Section	4-9-2021
9	Jose Ben, S4 ECE B, secured 3rd position in ARTE-Amateur Robo Talent Exhibition	IEEE RAS SCT and RAS chapter IEEE	21-7-2021
10	Jose Ben, S4 ECE B, secured 2nd prize in Nirmaan Circuit design contest	IEEE RAS SCT and RAS chapter IEEE	21-7-2021
11	Jose Ben, S4 ECE B, completed 4 months internship on IoT and Robotics	TCS Rapid Labs	
12	67 students of B.Tech final year received total offer of 105		



PUBLICATIONS

No	Name of the Faculty	Number of publications	National / International
1	Dr, Anil Kumar MN	1	International Journal
2	Basil K Jeemon	3	International Conference
3	Nimmy M Philip	1	International Conference
4	Deepa NR	1	International Conference
5	Anoop EG	1	International Conference
6	Bejoy Varghese	31	International journal International Conference

PATENTS

Filed a Patent on Embedded system, Faculty in charge is Noble G, Asst. Prof. and students are Paul Sabu, Parvathy V, Nitha B, Prajeesh P, Praveen M	14-06-2021
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8.3.1. Activities Of ECHO (ELECTRONICS & COMMUNICATION HEURISTICS ORGANIZATION)

Consolidated list of events conducted by ECHO (Association of ECE) from Jan to Sep 2021

Consolidated list of events conducted by ECHO (Association of ECE) from Jan to Sep 2021			
Sl No	Name of the activity	Type of event	Resource person
1	Channelizing Youth Power to Build the Nation	Invited Talk on National Youth Day	Mr. Anand J, Software Engineer, Dell EMC, Bangalore
2	Techxido 20	Design Project exhibition	1. Hrishikesh Dilip, Senior Embedded software engineer, VVDN Technologies 2. Aravind K Jayan, Engineer, Digital Core Technologies.
3	Phototronics 2021	Photography competition	1. Novel Vindhyan, Assistant director, Film industry
4	What after B.Tech?	Webinar	1. Aswin P Chandran, Founder director of Edzumo Pvt Ltd, Director of CGP Career Avenues
5	Talk on Iron dome	Poster presentation	1. Rita Roy, Student, S2 ECE B (2020 admission)



6	Scope of semiconductor industry - Talk 1	Add on course based technical talk Course name: Industrial oriented Semi custom layout design using Cadence and Microwind tool	1. Anfy Francis, Senior Lead Engineer, Cerium Systems, Tech Mahindra, Bangalore
7	Scope of semiconductor industry - Talk 2	Add on course based technical talk Course name: Industrial oriented Semi custom layout design using Cadence and Microwind tool	1. Dr. Avinash Yadlapati, Senior director- Engineering, Mirafr Technologies, Hyderabad
8	Evolution of computer hardware and operating systems	Technical talk based on the subject: EST 102 - Programming in C	1. Mr. Jitesh V, Manager (Network administration) & Technical Head, FISAT
9	Career opportunities in VLSI for freshers	Webinar based on the subject: EC304- VLSI	1. Ms. Ponni Mohanakumari, Manager- Training and Development, CIENTRA Tech Solutions, Bangalore
10	Agnitio 2k21	Main project exhibition	1. Hrishikesh Dilip, Senior Embedded software engineer, VVDN Technologies 2. Aravind K Jayan, Engineer, Digital Core Technologies

8.4. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Federal Institute of Science and Technology (FISAT)TM is a premier institute among the self-financing engineering colleges in Kerala and is located near Angamaly. The department of Electrical and Electronics Engineering started functioning in the year 2002. The department is fortified by a team of highly qualified faculty members and is well equipped with the latest hardware and software lab facilities. The department has a Centre for Advanced Research in Power Converters. The Department received an AICTE grant of five lakhs under the Research Promotion Scheme. Our Simulation labs are equipped with software like MATLAB, Pspice, ETAP and PSCAD.

The primary objective of the department is to offer value added educational experience through quality instruction that prepares graduates for a range of career opportunities. The department desires moulding graduates to become experts in their chosen fields by encouraging them to become members of professional societies and broaden their knowledge. It inspires the graduates to practice the ethics of their profession consistent with a sense of responsibility and the promotion of social justice. It endeavours to enhance and advance the knowledge and skills of the EEE faculty in their fields of expertise by encouraging them to participate in seminars, workshops, and conferences.



MAJOR ACTIVITIES

Sl	Name of Activity	Name of resource persons	Date
1	PECON-21, International Conference	1. Dr. Ned Mohan, University of Minnesota, US 2. Dr. Chem Nayar Curtin University, US 3. Dr. Yuvanrui Sang, University of Texas 4. Dr. Hossam A Gabbar, Ontario University, Canada 5. Dr. Nitin Padmanabhan, Ontario University, Canada 6. Dr. Rajeevan P P, IIST, Thiruvananthapuram	1, 2 February 2021
2	Hands on workshop, Design of magnetic circuit	Jyothi G K, Asst. Professor, EEE Dept, FISAT,	7 April, 2021
3	Webinar on “Introductory Session on Home Energy Audit”	Mr. Aneesh Rajendran, Energy Technologist, SME and Utility, Energy Management Center, Govt of Kerala was the resource person	10 June 2021
4	Autodesk Eagle Workshop	Muhammed Noufal CAstt. Professor, EEE Dept, FISAT	11, 12, 14 June 2021
5	Arduino Workshop	Muhammed Noufal CAstt. Professor, EEE Dept, FISAT	11, 12, 14 June 2021
6	“The Winners talk to you” Experience sharing session	Anagha S8EE, Roshni S8EE	17 June 2021
7	APJ - KTU Sponsored Five Day FDP on Power Converters - An Embedded Systems Based Approach	Thirteen subject experts from academics and industry including faculty from IIT Roorkee, IIT Bombay etc.	22,23, 26, 27 and 28 July 2021



ACHIEVEMENTS, (STAFF/STUDENT/DEPARTMENT)

SI No	Name of Achievement	Name of Achievers	Recognised by	Date
1	KTU student project fund sanctioned for S8EEE students	Muhamed Noufal C (Faculty) Jerom Joyan (S8 EEE) Delwin D Arickal (S8 EEE), Krishnaprasad (S8 EEE), Daniel Sunny (S8 EEE)	KTU	15.06.2021
2	An article has been published in the special edition of Elsevier's Scopus Indexed Materials Today proceedings https://doi.org/10.1016/j.matpr.2021.06.085	Rinku Scaria (Faculty) Reny Mary Dustin(S8 EEE), Asulabha Sathyan (S8 EEE) Devika Rajan ((S8 EEE) Bhadresha R(S8 EEE)	Elsevier	20.06.2021
3	Primavera India Trust SAATHI Scholarship 2020-2021, for Rs.18000/- a CSR initiative by Bosch	Sreelakshmy Subramanian (S8 EEE)	Bosch	22.6.2021
4	Wizcap IEEE Quiz	Joel Joji (S2 EEE)	IEEE	22.6.2021
5	Winners of Iswa-Quiz Competition as a part of Techfest (Techertz-2021)	First Prize-Alby George (S8EE) Second Prize-G Ravi (S8 EEE)	College	21.6.2021
6	Winner of Electronova-Circuit Designing Competition as a part of Techfest (Techertz-2021)	Second Prize- Amritha Mohanan (S4EEE)	College	12 July 2021
7	Secured 10 SGPA in S8 university examination	Anagha N, Roshni V G S8 EE	KTU	8 August 2021
8	Placement	33 offers	College	
9	PhD degree awarded from CUSAT	Rabiya Rasheed, Asst.Professor	CUSAT	26.8.2021

PUBLICATIONS

No	Name of Staff	Number of publications	National / International
1	Dr. Rabiya Rasheed	1	International
2	Rinku Scaria	2	International
3	Surya Natarajan	1	International
4	Sreeja E A	1	International



ELECTRA ASSOCIATION ACTIVITY

Sl No	Name of the activity	Resource person
1	Disegno -online 3rd year project expo	
2	Hands-on workshop on Magnetic Circuit Design of Power Electronic Converters	Ms.Jyothy G K, Asst. Professor, EEE Dept.
3	Techfest-TechHertz 2021 Promo Release	
4	Tecfest-Invited talk on Introductory Session on Home Energy Audit	Mr. Aneesh Rajendran, Energy Technologist, SME & Utility, EMC
5	Workshop on Arduino	Mr.Muhammed Noufal, Assistant Professor, EEE Dept.,Fisat
6	Techfest-Techertz: Competitions-Electronova, ISWA	Students
7	Illuminar 2021-Virtual Final year Project Expo of 2017-21 batch	Sreevidya P, Asst, Professor, EIE Dept, FISAT
8	Electronam 2021 - Virtual Onam Celebration	

8.5 DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

The department of Electronics and Instrumentation Engineering was started in the year 2002 with the aim of imparting technological knowledge in the field of Electronics & Instrumentation Engineering. The EIE program is NBA accredited for THREE years (2020-2023). The department has an intake of 30 students per academic year and we have 13 well qualified faculty. 2 of our faculty are PhD qualified and 6 more are pursuing their doctoral degree. Department has secured 13 University ranks over the 20 years of its existence.

MAJOR ACTIVITIES

Sl	Name of Event	Resource Person / Guest	Date
1	2 Weeks PLC training Online & Offline (Hands on Training)	TorkWell Automations	January 2021
2	UI/UC design Workshop	Ms. Sreevidya P.	19-06-2021
3	Webinar on PLC next Technology	Mr. Vishal Kumar & Dr. Anja Schulz (Master Project Manager, Tech Education, Germany)	28-05-2021
4	Webinar on Opportunity in Industrial Automation Field	Mr. Joy Issac, Director, Drawout, Denmark	14-05-2021
5	NSC -AGE-2 Online National Students Conference	Dr. Anish Mathew	23-07-2021
6	Training in Object Oriented Programming with JAVA Value Added Program (30 Hours)	Ms. Anitha T Nair	Started in April 2021



MAJOR ACHIEVEMENTS

Sl	Name of the Achievement	Recognised by	Date
1	Received Rupees 1 lakh as fund from AICTE -SPICE scheme for students' association	AICTE	April 2021
2	Engineering level winners-TESLA21, Idea Pitching & project competition	EEE department of MES College, Kuttipuram supported by IEEE Malabar Subsection	15/03/2021
3	2nd prize - for AgriHack 2021 Reshma R, Haridev Sankar, Derin T Jose, Amrutha M (2018 Batch EIE) Sreevidya P (Mentor)	Govt of Kerala, Agriculture Department	On Feb 11,12 & 13, 2021
4	Finalist of India International Science Festival conducted by Government of India - Reshma R, Kiran Raju, Ashwanth (2018 Batch EIE), Sreevidya P, Beenu Riju (Mentors)	Government of India	22/12/2020
5	Rupees 25000 Research fund - Ms. Raji P	Harvard Medical School	May 2021
6	Evaluators of Toycothon 2021 Ms. Sreevidya P, Ms. Raji P	Government of India	22,23 & 24 June 2021
7	Received honorarium and recognition from MHRD for NPTEL text translation -Ms.Lakshmi Nandakumar	MHRD- Govt. of India	2021
8	Received top performing mentor award consecutively for the 7th time for mentoring students and getting 100% result (course: Deep Learning)-	Ms.Lakshmi Nandakumar	NPTEL
9	Took part in Guinness book of world Record - AI for India conducted by AICTE- Ms. Shruthi Bhaskaran, Ms. Lakshmi Nandakumar	AICTE 2021	24th-25th April
10	Finalist for Lilavati award - Athulya Sreekumar, M Vishnu, Yadu Krishnan (2017 Batch EIE), Ms. Raji P (Mentor)	AICTE	2021



PUBLICATIONS

No	Name of the Author	Number of publications	National / International
01	Raji P	02	International
02	Sreevidya P	02	International
03	Lakshmi Nandakumar	01	International
04	Beenu Riju	06	National
05	S. Sundararajan	01	International
06	Anil Johny	01	International
07	Anila Mathew	02	International

PLACEMENTS

B.Tech	No. of students placed	No. of offers
EIE	11	19

8.6 DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering department at FISAT offers a B.Tech programme in Mechanical Engineering (NBA Accredited) and M.Tech programmes in Computer Integrated Manufacturing and Renewable Energy. The department is also recognized by APJ Abdul Kalam Technological University as a research center for Ph.D programme. Right from its inception in 2009, the department has been focusing on high-quality teaching along with integrated laboratory experience. Its strong and interactive curriculum and hands-on learning will make the students capable of taking their career to the next level, whether it is in the professional engineering practice or in advanced studies. There are 24 faculty members (4 members with PhD), and 7 non-teaching staff.

Sl.No.	Name of the Event	Name of Resource / Person Guest	Date
1	National Science Day Celebrations 2021: Erudite Lecture Series	Dr. Tessy Thomas, Director General (Aero), DRDO	5th March 2021
2	International Conference on Sustainable materials, anufacturing and Renewable Technologies-2021 i-SMaRT 2021(Sponsored by AICTE)	<ul style="list-style-type: none"> • Dr. D P Kothari, • Dr. Babak Anasori • Dr. Mikhail Borisovich Babenkov • Prof. Harris Makatsoris • Sunil Pathak • Dr. Nidhi MB • Dr. Harish Sarma Krishnamoorthy • Dr. Sanjay Mavinkere Rangappa • Dr. Saravana Kannan Thangavelu 	22nd - 23rd April 2021



3	KTU Sponsored FDP On Emerging Trends In Advanced Production And Industrial Engineering	<ul style="list-style-type: none">• Dr. R Sridharan• Dr. S Kanmani Subbu• Dr. Rajesh P. Nair• Dr. Vinay V Panicker• Dr. Rijesh M• Dr. Raghu Raja Pandiyan Kuppusamy	July 21st - 23rd
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ACHIEVEMENTS (STAFF/STUDENTS/DEPT)

Sl.No.	Name of the Achievement	Recognized by	Date
1	Deepak V P (2018 Admission) - ASME Foundation Variable Scholarship	ASME	June 2021
2	Ivin Mathew Joffy (2018 Admission) - ASME Foundation Variable Scholarship	ASME	June 2021
3	Bain T Baiju (2018 Admission) - International Gas Turbine Institute Scholarship	ASME	June 2021
4	Thejus Ajay (2018 Admission) - ASME Foundation Variable Scholarship & Christopher L. Hoffmann Memorial Scholarship	ASME	June 2021
5	Sunny Alukka (S8 ME A) Issac Paul (S8 ME A) Dr. Rejeesh C R (ME dept) - Selected to the National convention of 4th AICTE - Chhatra Vishwakarma Awards 2020 that recognize and honour innovative projects from students displaying exceptional skills in different categories	AICTE	Feb 2021
6	Issac Paul (S8 ME A) Basil Sunny Alukka (S8 ME A) Dr. Rajeesh C R - Financial assistance under CERD Scheme of APJ Abdul Kalam University for project Physio - Mechanical Characterization of light weight composite pavement tiles made from recycled expanded polystyrene	KTU	15-Jun-21



7	23 students' of 2017 admission graduated with Honours Degree	KTU	August 2021
8	FISAT RACING CREW (Under SAE FISAT) won Fourth Place in Mega ATV Championship 2021 conducted by Autosports India	Auto sports India	12.08.2021

PUBLICATIONS

Sl.No.	Name of Staff	No. of Publications	National/International
1	Dr Rejeesh C R	5	International
2	Dr. Jose Cherian	1	International
3	Dr.Midhun Paul	1	International
4	Anoop Sankar	1	International
5	Arun Kulangara	1	International
6	Devi Parvathy S	1	International
7	Sajan S	1	International
8	Tom Anto	1	International
9	Harish T M	1	International
10	Ranjith Joy	1	International
11	Rahul V	1	International
12	Suni Mathai	1	International



ASSOCIATION ACTIVITIES

Sl.No.	Name of the Activity	Resource Person/Guest
1	A talk on landing your first job Date: 24 March 2021	Mr. Kishore Nair, GM, Corporate Sales, Pikkol
2	A talk on career opportunities in the government sector for a B.Tech Mechanical graduate Date: 30 March 2021	Mr. Sanjay Sanil, Senior Section Engineer, South Western Railways
3	How to prepare effectively for GATE exam & possibilities after the exam Date: 7 June 2021	Mr. Harikrishnan J, GATE 2021 All India Rank Holder (AIR 184)
4	Sensitization of Design, CEED, M.Des & Opportunities 10 June 2021	Mr Manu T M Researcher / Designer, Hero Motocorp, M.Des IISc Bangalore
5	What After B.Tech exclusively for Mechanical Students, Date: 15 May 2021	Resource Person: Aswin P Chandran, Founder Director of Edzumo Pvt.Ltd, Director of CGP Career Avenues
6	MECH MEMORIES Date: 12 June 2021	The MECH MEMORIES alumni getting together in the clubhouse.
7	Panel Discussion on Higher Studies Abroad Date: 19 June 2021	1) Shyam Pulickan, MSc in Aeronautical Mechanics and Energetics, ISAE-ENSMA, France 2) Libin Benny, Msc. Engineering Management (Operations), Coventry University, United Kingdom 3) Aashin Sravan, Junior Controls Engineer, AMS Automated Manufacturing Systems Inc., Canada 4) Midhun Suresh, Masters in Automotive Production Engineering, Technische Hochschule Ingolstadt, Germany 5) Balu Babu, Junior Production Engineer, AVK Valves Pvt. Ltd., Master of Engineering (Mechanical), University of Adelaide, Australia 6) Bianca Kurian, Senior Interaction Designer, Texas with Bell helicopters for HCL America Solutions, California, US 7) Smobin Vincent, PhD Researcher,



8	ART OF NATURE: Online photography contest on Environment Day 2021 Date: 4th to 7th June 2021	
9	PLANT AND NURTURE: As part of campaign every FISATian pledged to plant at least one tree and nurture it as part of Environment Day 2021 Date: 5 June 2021	
10	PUNERJENI: Hands-on workshop on sustainable recycling craft competition on Environment Day 2021 Date: 5 June 2021	Mr. Amal Shaji, alumnus of FISAT and a well-known craft designer.
11	PRAVEGA 21: Final Year Project Expo Date: 17 July 2021	
12	Farewell 2017-21 ME batch Date: 17 July 2021	
13	Careers in Non-Destructive Testing Date: 22-Jun-21	Nikhil H Senior Engineer Bharat Heavy Electricals Ltd, High-Pressure Boiler Plant Tiruchirappalli, Tamil Nadu
14	MechOnam 2021 - Virtual Onam Celebration Date:18/08/2021	
15	Engineer's Day Celebration - Lightning Talk - 3 P's to develop a sustainable Society: Passion, Perseverance and Persistence Date:15.09.2021	Ajinya Dhariya, Founder and CEO, PadCare Labs
16	"ENGGICLOPEDIA", An online quiz competition organized by ASME, in connection with Engineer's Day Celebration Date:19.09.2021	
17	"Emit Less Take In More". Poster making Competition. Topic: Healthy Air, Healthy Planet under ASME FISAT Date:19.09.2021	
18	"Blog Competition" - Topic: Role of Engineers in Cleaning The Blanket Of Air under ASME, FISAT Date:19.09.2021	



ACHIEVEMENTS

Sl.No.	Name of the Student/Staff	Name of the recognition
1	Harikrishnan J (2012-2016)	GATE 2021, All India Rank :184
2	Abhijith J Kumar (2015-2019)	GATE 2021, All India Rank 345
3	Dr. Rejeesh C R	Guest Editor for the Special Issue: i-SMaRT 2021 in Materials Today Proceedings Journal published by Elsevier.
4	Dr. Rejeesh C R	Member of the Curriculum Committee at the APJ Abdul Kalam Technological University for B.Tech Automobile Engineering/Mechanical (Automobile) 2019 scheme from 23.06.2020 to 15.01.2021.
5	Mr. Georgy Joseph Thomas (2014-2018)	Assistant Manager, Maruti Suzuki, Engineering R&D Vertical Placement through All India Graduate Engineers Hiring Process
6	Anujith S	Management Trainee (Mechanical) FACT, Udyogamandal
7	Varun S	10 grade points in KTU Second Semester Examinations May 2020.
8	Nikhil Thomas (S2 ME B)	Player representing Idukki District in the 44 th Kerala State Junior basketball Championship held at Carmel CMI Public School, Vazhakulam Date: 25th to 26th March 2021
9	Harikrishnan V (S2 ME A)	Player representing Idukki District in the 44 th Kerala State Junior basketball Championship held at Carmel CMI Public School, Vazhakulam Date: 25th to 26th March 2021
10	Vyshakh S, Jeswin Cherian, Titto Pappachan and Jidhin Paul	Placed in Stag International which is one of the leading sports good manufactures in India. They got this chance by show casing their final year project guided by Mr.Nithin H, Asst. Professor, Mechanical Engg. Department



8.7. DEPARTMENT OF SCIENCE AND HUMANITIES

The department of Science & Humanities started functioning in the year 2002. The department comprises of a team of highly qualified faculty members and is well equipped with the latest laboratories and related facilities.

The department of Science and Humanities involves teaching Engineering Mathematics, Calculus, Physics, Chemistry, Economics, Life Skills, Professional Ethics & Communication Skills connected with all the programs offered by all other departments. The department also provides assistance in technical projects. The department has a language lab for the students to enrich their communication competence. It also aims to maintain good linguistic proficiency through accuracy in grammar, pronunciation and vocabulary.

The Department has access to all streams of students irrespective of their subject specialization. It helps them mould the right attitude towards Mathematics, Physics, Chemistry, Economics and English. The department offers remedial and reinforcement sessions. The well-equipped labs for subjects like Physics and Chemistry fosters the much-required practical experience.

The Department aims to become a centre of excellence in Mathematics, Science and Humanities that helps moulding fundamentally strong and ethically enlightened engineering professionals with good communication skills and capability to design solutions to challenging problems.

MAJOR ACTIVITIES

Sl.No	Name of event	Name of the resource person/guests	Date
1	National Webinar on Intellectual Property Rights	Dr. Nardaran Thiruthy, Technical Officer, IPR, National Biodiversity Authority (NBA), Govt. of India	25 th April, 2021.
2	International Webinar on "Emerging Trends in the Field of Science and Humanities"	1) Dr. Aby C P, Scientific Researcher Palacky University, Czech Republic Topic: An Introduction to Scanning Electron Microscopy and its Applications 2) Dr. A B Sreebha, HOD Dept. of Physics Sreeshankara college Kilimanoor Topic: Holographic Elements for Solar Applications	24 th and 25 th September, 2021.

ACHIEVEMENTS (STAFF, STUDENTS & DEPARTMENTS)

No	Name of the Achievement	Recognized by	Date
1	Dr. C Sheela (Vice Principal)	1) Advisory Board member Kerala Ganitha Sastra Parishad. 2) KTU Curriculum committee member	
2	Dr. Binimol Punnoose, Professor and HOD	Resource person on National Mathematics Day in National Higher Secondary School, Vallamkulam,	22 nd Dec 2020



3	Dr. Sona Narayanan, Assistant Professor of Chemistry	Received the Best Paper Award in the National conference on Changing Trends in Polymer Science and Technology held at NIT Calicut. January 2021	21 st and 22 nd January 2021
4	Dr. Sona Narayanan, Assistant Professor of Chemistry	Awarded KTU RSM Project Fund of Amount Rs.75000/-	13/08/2021
5	Mr. Sumesh G, Assistant Professor of Mathematics	The resource person for a webinar on Laplace Transforms, conducted by St. Xavier's College, Aluva	23rd and 25th February, 2021
6	Dr. Sona Narayanan, Assistant Professor of Chemistry	1) Completed NPTEL course on Basics in Inorganic Chemistry with Elite+Gold Certificate. (Top topper 2%). 2) Completed a MOOC Course on Introduction to Molecular Spectroscopy	
7	Ms. Aswathy Balagopal, Language Lab Demonstrator	Completed NPTEL course on 'Postcolonial Literature' and secured Elite+ Gold Certificate.	
8	Ms. Nyci Ignatius, Assistant Professor of Economics	1) Completed NPTEL course on Economic Growth and Development. 2) Resource person for the talk on Global ethical issues conducted by MCA Department, FISAT	
9	Mr. Eldhose P Jacob, Assistant Professor of Chemistry	1. Registered for PhD. in MG University 2. Completed NPTEL course on Basics in Inorganic Chemistry with Elite Certificate. 3. Completed 4 MOOC Courses Introduction to Molecular Spectroscopy, Forensic Science, Introduction to Chemistry, and Reactions and Ratios.	
10	Dr. C. Sheela, Vice Principal, Professor of Mathematics	Completed a MOOC Course on Introduction to Calculus	
11	Dr. Binimol Punnoose, Professor, HOD	Completed a MOOC Course on Introduction to Calculus	
12	Ms. Honeymol P Chacko, Assistant Professor (Sr. Grade)	Completed a MOOC Course on Introduction to Calculus	
13	Ms. Gisha P S, Assistant Professor (Sr. Grade) of Mathematics	Completed a MOOC Course on Introduction to Calculus	
14	Ms. Dhanya T G, Assistant Professor (Sr. Grade) of Mathematics	Completed a MOOC Course on Introduction to Calculus	



15	Ms. Seena Varghese, Assistant Professor (Spl. Grade) of Mathematics	Completed a MOOC Course on Introduction to Calculus
16	Ms. Vidya T P, Assistant Professor (Special Grade) Physics	Completed a MOOC Course on Introduction to Molecular Spectroscopy
17	Ms. Anisha Joseph, Assistant Professor of Physics	Completed a MOOC Course on Nanotechnology: A Makers Course

PUBLICATIONS

No	Name of the Staff	Number of Publications	National/International
1	Dr. C Sheela (Vice Principal)	1	International
2	Dr. Ayswarya E P, Assistant Professor (Spl. Grade) of Chemistry	2 1	International Conference
3	Dr. Sona Narayanan, Assistant Professor of Chemistry	1 4	International Conference
4	Ms. Seena Varghese, Assistant Professor of Mathematics	1 1	International National

MATHS CLUB (Sports/Clubs/Centers/Associations/Cells/NSS Activities)

No	Name of the Activity	Resource Person/Guest
1	RAMANUJAN SMRITI (A Lecture)	Mr. Renjith Prasad (Former MATHS CLUB Secretary, 22 nd Dec 2021)

ACHIEVEMENTS

No	Name of the Achievement	Recognized by	Date
1	Aman Jose of S2 CSE A got 1 st prize in Math hunt competition in MATH FIESTA 2K21	The Dept. of Mathematics, St. Aloysius college Mangaluru	30/09/2021
2	Abhay Das of S2 CSE A got 1 st prize in Math Pixel competition in MATH FIESTA 2K21	The Dept. Of Mathematics, St. Aloysius college Mangaluru	30/09/2021



3	Aman Jose of S2 CSEA got 1st prize in Prof. M.J.Thomas memorial intercollegiate Mathematics Quiz competition	The Dept. Of Mathematics, Baselius College, Kottayam	14/09/2021
4	Aman Jose of S1 CSEA got 2 nd prize in Mathematics Quiz competition	The Dept. Of Mathematics, Baselius College, Kottayam	18/03/21
5	Aman Jose of S1 CSEA got 1st prize in All Kerala Intercollegiate Mathematics Quiz competition	The Dept. Of. Mathematics K.E college Mannanam	11/03/21
6	Aman Jose of S1CSEA got 3 rd prize in Intercollegiate Mathematics Quiz competition	The Dept. of. Mathematics S.B College Changanassery	12/02/21
7	Ryan Abraham of S7 EEE got 1st prize in Inter Departmental Mathematics Quiz competition	FISAT	26/02/21
8	Shemin Majeed of S3 CEB got 2nd prize in Inter Departmental Mathematics Quiz competition	FISAT	26/2/21

8.8. FISAT BUSINESS SCHOOL (FBS)

FISAT Business School (FBS) was started in 2006, FBS was first affiliated to MG University and had an approved seat strength of 60. As the Institute grew in reputation, in four years we were able to apply and get approval for an additional 60 more seats making the total intake 120 by the year 2011. In fifteen years, FBS has been able to establish itself as one of the most preferred B-Schools in Kerala. The demand for MBA from FBS is such that all the seats are filled with good quality students every year without much promotional efforts. Strong emphasis has been given to the holistic development of the students through rigorous academic processes, regular industry interactions, corporate exposure. The excellent learning ambience and enriching facilitation of the learning experience by a rich and high caliber faculty pool makes FBS unique. There are 12 faculty members (6 with PhD) in the department.

MAJOR ACTIVITIES

Sl. No	Name of the event	Name of the resource person / Guest	Date
1	"Quint Essence"-IMPRESSIONS MATTER - An interactive talk program	Ms. Jaicy George	16/1/2021
2	Corporate Interaction Series: "Interviews: What Corporates Expects From You"	Prem Vas	22/1/2021
3	FISAT Business School-National Level Quiz Competition, Brain Wave 2, 2021	Major Chandrakanth Nair	8/5/2021



4	Sojourning 2021 - The online student engagement learning sessions were initiated through google classroom for the newly admitted students.	Dr. Delma Thliyan & Dr. Sindhu George	1/6/2021
5	"How to land up in your dream job"	Dr. Unnikartha G	10/8/2021
6	SEBI – IEPF sponsored One Week National Level Workshop Investor Awareness Programme(eIAP) on Securities market	Er. Amit Gupta, (SEBI Empanelled Securities Market Trainer) MS Finance, MMS Finance, NISM Empanelled CPE Trainer	19-07-21 to 24-07-21
7	Professional Development Program - OBE in Management Education	Dr. Gabriel Simon Thattil, Professor, University of Kerala	19/6/2021
8	Online International Conference on "How disruptive chains can shape sustainable business models"	Shri Jayakanth Sharma, Ms. Harini Chari, Dr. Sadar Abdul Rasheed, & Dr. Swaminathan Ramakrishnan	29-07-21 to 30-07-21
9	Building a Corporate Career	Mr. Dinesh Thamby, VP & Head, Kerala Operations, TATA Consultancy Services (TCS) Ltd	23/9/2021
10	Self-Management	Prof Dr. K.A. Zakkariya, Director,DDUK, CUSAT	23/9/2021
11	Goal Setting	Dr. Smarty P. Mukundan, Former Faculty, State Bank Institute of Leadership, Kolkata, SBI	24/9/2021
12	Developing Leadership Skills	Mr. Rajesh Nair of EY	24/9/2021
13	Team Building	Mr. Biju Neelambaran, Founder & CEO, Assure Earth LLC	25/9/2021
14	Industry Expectation from Management Graduates	Mr. P.T. George, VP, V Guard Industries Ltd	25/9/2021
15	Migration & Study Abroad Opportunities for MBA Students	Geebee Education & M&G Immigration	1/9/2021
16	FBS Advisory Council Meeting	Dr. Simon George, Former Dean Academics TAPMI, Manipal. Dr Zakariya, Professor, SMS, CUSAT, DR. Nobin Thomas, Sr Faculty, IIM Indore, Dr. Thomas Joseph, Adjunct Faculty IIM Uaipur, Mr Thomas Kuruvilla, Managing Partner, ArthurDlitttle and Mr Suresh Prabhu, Chief Delivery Officer, Persistenet Systems Ltd	02/10/2021



ACHIEVEMENTS (STAFF, STUDENTS AND DEPT.)

S.No	Name of the Achievement	Recognized by	Date
1	Dr. Joshua A J Selected as external evaluator for PhD thesis.	Srinivasa University for its Mechanical Department in its Engineering college., Manguluru	26-03-21
2	Dr. Dhanya Alex Selected as Resource person for "User awareness programme on NDLI CLUB"	In association with MHRD Govt. of India & IIT Kharagpur.	26-06-21
3	Dr. Jose Varghese selected as Resource Person for Research Methodology Workshop	IIM BodhGaya	21-22 April, 2021
4	Dr. Dhanya Alex Selected as Resource person for Research Methodology Workshop	IIM BodhGaya	21-22 April, 2021
5	Dr. Jose Varghese selected as Resource Person for Art of Student Centric Teaching FDP	NSS, Pallakad	8 - 12 February 2021

PUBLICATIONS

S.No	Name of the Staff	Number of publications	National	International
1	Dr. A J Joshua	1		1
2	Dr. Dhanya Alex	6	1	5
3	Dr. Jose Varghese	2		2
4	Dr. Delma Thaliyan	3	3	
5	Ms. Merin Thomas	1		1
6	Mr. Prasanth P John	1	1	

SPORTS/CLUBS/CENTERS/ASSOCIATIONS/CELLS/NSS ACTIVITIES

S.No	Name of the Activity	Date
1	Environment day Initiative by FMS in association with NSS FISAT	5/6/2021
2	Federal Bank Recruitment Training	30-6-21 to 01-07-21
3	Mpower Training Program for S2 MBA A Batch	02-08-21 to 06-08-21
4	Mpower Training Program for S2 MBA B Batch	09-08-21 to 13-08-21
5	Teachers Day Celebration	6/9/2021
6	FBS Onam Celebration	19/8/2021



7	"Nirakutu" A CSR event organised by FBS in association with Planet Earth inaugurated by Shri Anwar Sadath MLA	2/10/2021
8	"Renaissance 2.0" A New India Clean and Green initiative	2/10/2021
9	Environment day Initiative by FMS in association with NSS FISAT	5/6/2021

ACHIEVEMENTS

S.No	Name of the Student/Staff	Name of the recognition
1	Dr A J Joshua	Guided one of his PhD Scholars to the completion of his PhD work in Bharathiar University, Coimbatore where he is a recognised PhD guide.
2	Dr. Dhanya Alex	Structural Equation Modelling (ATAL) by Manipal Institute of Management on 17 - 21 May 2021
3	Dr. Dhanya Alex	FDP in Financial Management and Research by IIM Indore on 15 - 25 February 2021
4	Mr. Praveen V	National FDP on TEACHING-COMPETENCIES FOR SELF-DIRECTED LEARNING " organized by Internal Quality Assurance Cell (IQAC), Mar Baselios Institute of Technology and Science (MBITS) Dates: 28th ,29th ,30th July 2021
5	Mr. Praveen V	Five Days International FDP on "Research Orientation and Data Analysis" organized by Mount Zion Institute of Management held from 9th August to 13th August 2021.
6	Ms.Amala Mary	Five Days International FDP on "Research Orientation and Data Analysis" organized by Mount Zion Institute of Management held from 9th August to 13th August 2021.
7	Mr. Jiril Jose, S2 MBA	Selected as Community lead of Innovation and Entrepreneurship Development Centre, FISAT o 13th Sep 2021
8	Mr. Jiril Jose, S2 MBA	Selected as Operations lead of Innovators Premier League on 15th Sep 2021
9	Dr. Dhanya Alex	Resource person for "User Awareness Programme on National Digital Library of India and NDLI Club" at Punyashlok Ahilyadevi Holkar Solapur University (PAHSUS) NDLI CLUB. on 27th August 2021
10	Mr. Prasanth P John	Published an article in "Higher Education on 21st -century"- ISBN-978-81-952659-6-1 -TARAN Publication.



11	Mr. Prasanth P John	External Examiner - S2-MBA-Subject_Viva_Voce Exam-Rajagiri College of Social Science-Aug31st
12	Dr.A.J Joshua	Published an article in "International Journal of Research and Analytical Reviews "P-ISSN 2349-5138, UGC recognized journal

8.9. DEPARTMENT OF COMPUTER APPLICATIONS

Started in the year 2006, the department of Computer Applications is offering two-year MCA programme with an annual intake of 120. The department aims to achieve academic excellence by focusing on the key activities like providing quality education to students, enhancing their learning skills and giving them training to acquire the professional skills required for their career with an objective of making them socially committed professionals. A team of qualified and committed faculty with ample experience is the highlight of the department. The students of the department consistently bagged top spots in the University Examinations. The 3rd and 4th position in the MCA Degree Examination of APJ Abdul Kalam Technological University in the consecutive years' 2020 and 2021 was secured by Mr. Sanjo George and Ms. Anjaly Madhu respectively. A large number of students from our department get placed every year in national and multinational companies like TCS, UST Global, IBS, Speridian, Tata Elexi, Bosch etc. The department constantly strives to improve the knowledge and skill sets of the students by organizing many value added programs like conferences, workshops, webinars, project exhibitions, personality development courses etc.

MAJOR ACTIVITIES

No	Name of the Event	Name of the Resource Persons	Date
1	Webinar on "Let's Step into Scholarly Reading"	Dr. Nishad A, Mahatma Gandhi University	20-Sep-21
2	Talk on "Global Ethical Issues"	Ms. Nyci Ignatius, Asst. Prof, Dept. of S & H, FISAT	15-Sep-21
3	Professional Development Programme on Active Learning Methodologies	Ms. Sona Mary Louis, Asst. Prof, Dept. of Computer Applications, FISAT	15-Sep-21
4	Hands-On Training on NoSQL database MongoDB using Python	Dr. Manjula Devananda, Principal, KVM College of Engineering & IT, Cherthala	13-Sep-21
5	Hands-On Training – LaTeX	Ms. Silly K P, Technical Support Engineer, Mindreflex Technologies	10-Sep-21
6	Webinar on Value of IEEE Xplore & EBSCO eBooks in Research & Career Development	Nanda Lal T S, Senior Training Manager - South India, EBSCO Information Services, New Delhi	03-Sep-21



7	International Conference on Advancements in Computer Applications (ICACA 2021)	Dr. Corrado Aaron, Associate Prof., University of Sannio, Italy. Dr Vinod P, Professor, DCA, CUSAT	15-Jul-21 16-Jul-21
8	Inauguration of 'TechRadiance', Technical Talk on "Environment Sustainability"	Mr Renganathan K, Project Manager, Environment Resources Management, Bangalore	08-Jul-21
9	Professional Development Programme on Outcome Based Education	Dr. Reshmi R, Asst. Prof (Sr. Gr), Dept. of CSE, FISAT	05-Jul-21
10	Technical Talk on "Latest Trends in Big Data"	Mr. Sreejith Vadakkara, Solution Architect, TCS	16-Jun-21
11	One Day Workshop on "Network and System Administration"	Mr. Jitesh V, Technical Head IT Operations, FISAT	10-May-21
12	Expert talk on "Ansible and Robot framework"	Mr. Mahesh C, Asst. Professor (Spl Gr), Dept. of CSE, FISAT	25-Mar-21
13	Expert talk on "PHP Frameworks"	Mr. Ajay Antony Joseph, Asst. Prof, Dept. of Computer Science, Yeldho Mar Baseliouse College	24-Mar-21
14	Expert talk on "Single Board Computers"	Mr. Pankaj Kumar G, Asst. Professor, Dept. of CSE, FISAT	19-Mar-21
15	Expert talk on "HDL implementation of Combinational and Sequential Circuits"	Ms. Sreelakshmi S & Ms. Elza George, Asst. Professors, Dept. of ECE, FISAT	18-Mar-21
16	Webinar on "Organizational Structure, behavior and success key tips"	Mr. Sarath P Paracka, HR Manager, Zellis HR India Pvt. Ltd., Kochi.	12-Mar-21
17	Webinar on "Software Industry Career Streams"	Mr. John Joseph, Project Manager, Finjent Global Solution, Kochi	03-Mar-21



ACHIEVEMENTS (STAFF, STUDENTS AND DEPT.)

No	Name of Achiever	Name of the Achievement	Recognized by	Date
1	Ms. Anjaly Madhu	4 th position in MCA Degree Examination (2018-21)	KTU University	Aug-21
2	Ms. Deepa Mary	Awarded with Ph.D in Computer Science	Mahatma Gandhi University, Kottayam	29-Jun-21
3	Mathews	Visiting faculty of PG Diploma in Data & Business Analytics Programme	Mahatma Gandhi University, Kottayam.	Jan-Feb 21
4		Invited Reviewer of a Computer Science Journal and Int. Conferences	Int. Journal of Research and Scientific Innovation (IJRSI), ICACA 2021- Kochi, ICICITES 2021- Maharashtra	Mar-21 Jul-21 Aug-21
5		Book Editor	Proceedings of ICACA 2021, Kochi	Jul-21
6		Elite Certification for the "Computer Architecture" Course	NPTEL	Jan-Apr 2021
7	Mr. Santhosh Kottam	Resource Person for an expert talk on "Current Trends in IT Industry"	Carmel College, Mala	18-Aug-21
8		Program Chair, Editor and Reviewer	ICACA 2021, Kochi	Jul-21
9	Ms. Senu Abi	Reviewer	ICACA 2021, Kochi	Jul-21
10	Ms. Manju Joy	Reviewer	ICACA 2021, Kochi	Jul-21
11	Ms. Shahna K U	Invited Reviewer of a Computer Science Journal and Int. Conference	ICACA 2021, Kochi Peerj Computer Science Journal	Jul-21 Sept-2021
12		Book Editor	Proceedings of ICACA 2021, Kochi	Jul-21
13	Mr. Sujesh P Lal	Invited Reviewer - Springer	Journal of Super Computer	Sep-21
14		Book Editor and Reviewer	ICACA 2021, Kochi	Jul-21
15	Dr. Shidha M V	Awarded with Ph.D in Computer Science	Bharathiar University, Coimbatore	27-Aug-21
16		Reviewer	ICACA 2021, Kochi	Jul-21



17	Ms. Rose Mary Mathew	Secured Elite + Silver Medal for the course "Python for Data Science"	NPTEL	Mar-21
18	Dr. Rakhi Venugopal	Book Editor and Reviewer	ICACA 2021, Kochi	Jul-21
19	Ms. Joice T	Resource person for the Webinar on "Python for Data Science"	Govt. Polytechnic College, Kunnankulam.	04-May-21
20	Ms. Sona Mary Louis	Resource Person of Webinar on "Artificial Intelligence"	Carmel College, Mala	11-Jun-21
21		Resource Person of Webinar on "Active Learning Methodologies"	FISAT	15-Sep-21

PUBLICATIONS				
No	Name of the Staff	Publication Details	Number of Publications	National/ International
1	Ms. Shahna K U	Elsevier Journal "Signal Processing: Image Communication", SCI-IF: 3.256, indexing in SCI, SCIE, WoS, SCOPUS.	1	International
2	Mr. Sujesh P Lal	EAI - Springer Proceedings - Jun 21	2	International
3	Dr. Deepa Mary Mathews	Proceedings of International Conference with ISBN No: 978-93-5473-978-1	1	International
PATENTS				
No	Name of the Staff	Title of the Invention	Date	
1	Dr. Deepa Mary Mathews	Method and System for determining real-time user emotions using Artificial Intelligence techniques	01-10-2021	



ASSOCIATION (FIESTA) ACTIVITIES		
No	Name of the Activity	Date
1	Virtual Project Expo – 2021 (S2 MCA 2020 batch & S4 MCA 2019 batch)	19-Jul-21
2	Virtual Farewell to 2018 batch	29-Jul-21
3	VirtuOnam-2k21; Online Competitions for Kerala Sreemaan / Malayali Manga, Onappaattu, Selfie with Pookalam	18-Aug-21
4	Independence Day - Online Poster Competition (Theme: India of My Dreams)	15-Sep-21

ALUMNI (REWIND) ACTIVITIES			
No:	Name of the Activity	Resource Person/Guest	DATE
1	Inauguration of 'My Stories' - Alumni Talk - 1	Talk on "Towards a Dream Career" by Mr Basil Abraham, Product Manager, Jam City Games, Toronto.	10-Jul-21
2	My Stories- Talk 2	Talk on "Tips and tricks for placement" by Mr. Gopu Chandrasenan, Assistant Consultant, Digital Framing Initiative, TCS	14-Aug-21

DEPARTMENT PLACEMENT CELL ACTIVITIES			
No:	Name of the Activity	Resource Person/Guest	DATE
1	MPOWER SPARKLE Training Programme for 2019 batch	K. Krishna Kumar & Mridula M (Vertical Eye)	14-Jun-21 to 18-Jun-21
2	General Aptitude Training for 2019 Batch	Pragmatix	15-Aug-21 to 18-Aug-21
3	Technical Training for 2019 Batch	FACE	24-Aug-21 to 26-Aug-21
4	MPOWER SPARKLE Training Programme for 2020 batch	K. Krishna Kumar & Mridula M (Vertical Eye)	31-May-21 to 11-Jun-21
5	General Aptitude Training for 2020 Batch	Pragmatix	02-Aug-21 to 06-Aug-21
6	Technical Training for 2020 Batch	FACE	14-Aug-21, 24-Aug-21 to 28-Aug-21 04-Sep-21

PLACEMENTS			
Batch Year	No of Offers	No of Students Placed	% of Students placed
2018-2021	59 offers for 67 Students	47	70%



9. MEMORANDUM OF UNDERSTANDING

The MOUs signed by the departments with reputed organizations are:

9.1. DEPARTMENT OF CIVIL ENGG

- Kerala State Remote Sensing and Environment Centre (KSREC) (2018)

9.2. DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

- ASAP, Higher Education Department, Kerala
- CDNS Technologies, Trivandrum
- Hortari Technologies, Bangalore
- SH Farm, Kochi, Kerala
- Pets Day, Thrissur
- Magic Planet, Trivandrum
- Xplore IT Corp, Coimbatore
- ICT Academy of Kerala, Trivandrum
- The Federal bank Ltd, Aluva
- Red Hat, Mumbai

9.3. DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- Hortari Technologies (2019)
- Luure.ai (2020)

9.4. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

- Transformers Electrical Kerala Ltd (TELK) (2017)

9.5. DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

- Heman Robopark, Mookkannoor, Angamaly (Largest automated multilevel car parking system manufacturers) (2020)
- Quartet Balloons, Keerampaara, Kothamangalam (fully automated high quality balloons manufacturers) (2020)

9.6. DEPARTMENT OF MECHANICAL ENGINEERING

- HMT Machine Tools Ltd., Kalamassery (2021)
- He-MAN Auto Robopark Ltd (2019)

9.7. FISAT BUSINESS SCHOOL

- KPMG - Lean Six Sigma green belt certification training for operations students (2018)
- Open University MALAYSIA (OUP)- Training and Certification in Industry 4.0 and Organisational Leadership, Supply chain Management and Quality Benchmarking for 116 students in Malaysia (2019)



- KPMG- Training on PYTHON, statistics, data wrangling and visualization and HR and Financial Analytics (2019)
- Cambridge University Press- General English course in Soft and employability skills and Current Business English Program

10. FABLAB- IEDC ACTIVITIES

A FABLAB -IED Cell is functioning in FISAT under the charge of Dr Anil Kumar M N, Professor, ECE Department with Mr Tom Anto, AP, Department of Mechanical Engineering as the IEDC Nodal Officer.

MAJOR ACTIVITIES

Sl no	Name of the Activity	Resource Person	Date
1	One day online workshop on "Intellectual Property Rights"	Prof. Moses Dayan, Coordinator, PSNA IPR Cell, PSNA CET, Dindigul	16-01-2021
2	Participation in Virtual IEDC summit 2021		28/01/2021 to 30/01/2021
3	Awareness on 'Innovation and Entrepreneurship'	Tom Anto, Raji P, Anoop E G (Innovation ambassadors, FISAT)	09-09-2021
4	Webinar on "Innovation: An optimistic Process of Change"	Dr. (fr.) Anthony Puthussery, Former Director, Christ University Bangalore	22-09-2021
5	Impact lecture series 1 :-Webinar on " You Think and You Make it"	Mr. Alex Jolly, Data Analyst, Tranzmeo	02-10-2021
6	Impact lecture series 1:-Webinar on " Journey of Idea to Startup"	Mr.Neeraj P.M. , Co-founder, G"Xtron Innovations	02-10-2021

ACHIEVEMENTS

Sl no	Name of Student/staff	Name of Achievement
1	Noble G & Tom Anto	Got selected into NISH-CATI Entry level AAC device development project facilitated by APJAKTU
2	Renjith R	Inline Directory Bot



11. CHAPTERS AND CELLS

11.1. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

The Institute of Electrical and Electronics Engineers (IEEE) chapter in FISAT is act

MAJOR ACTIVITIES

S.No	Name of the Event	Name of the resource Person/Guests	Date
1	Channelizing Youth Power to Build the Nation	Mr. Anand Jagadeesh [Software Engineer at DELL EMC]	12-1-2021
2	NOVA-BIVOU 21'	–	16/2/2021-17/2/2021
3	ECTA- BIVOU 21'	Brinda Lovely [Head of Engineering Business Application at Google] and Anoop Sreenivasan [Director, Product Management at Chegg INC]	21/2/2021
4	QUEST-BIVOU 21'	–	28/2/2021
5	TOSS IT	–	3-4-2021
6	POWER PLAY	–	3-4-2021
7	ENERXIA	Varughese C M [CEO, Ever Green Energy Technologies PVT Ltd,]	6-4-2021
8	EPCILON	Bhadra Jayakumar [Student Representative, IEEE Computer Society Kerala Chapter]	28/4/2021
9	Don't Repeat It Challenge	–	7-5-2021
10	Alpha Women	–	7-5-2021
11	Her Rise Her Saga	Sally Varma [Journalism Graduate, Senior Campaigner at Farm Animal Protection Campaign]	8-5-2021
12	Estrella	–	7-5-2021
13	Step Up	Devika S [Alumni of FISAT]	9-5-2021
14	Technophilia	–	11-5-2021
15	Convo	Lt.Seema (RTD)[served at Military Hospital Kirkee, Pune] & Lt Col Vanishree J[serving at 158 Base Hospital Bagdogra, West Bengal]	12-5-2021
16	CACCIA	–	16/5/2021
17	Oracio-SB KNOCKOUT	–	26/5/2021
18	ENERXIA #2	Indukumar P P [Sub Engineer KSEB, Angamaly Division]	22/5/2021
19	Mind Meld-May Edition	–	28/5/2021
20	BHAAVNA-MUDRA	–	31/5/2021
21	PRAVAH-MUDRA	–	31/5/2021
22	PRAJNA-MUDRA	–	1-6-2021
23	Proyek- SB KNOCKOUT	–	3-6-2021
24	RATNA-MUDRA	–	3-6-2021
25	TEJUS-MUDRA	Sthesh Kumar Pai [Deputy General Manager & Head-Electrical, CIAL]	5-6-2021
26	Iniciante	Dharwish Raj [Volunteer at FISAT Free Software Cell]	6-6-2021
27	Codage- SB KNOCKOUT	–	11-6-2021



28	Inauguration of ComSoc Chapter	Ana Garcia Armada [Director of Online Content for IEEE ComSoc], Gopakumar A [Chairman, IEEE ComSoc Kerala Chapter], Dr.Anitha P [Chairman, FISAT]	12-6-2021
29	IEEE Communications Society Membership Development Session	Ruben Abraham Shibu [Kochi Hub Coordinator of IEEE ComSoc Kerala Chapter] & Joyal Jose [Outreach Coordinator of IEEE Comoc Kerala Chapter]	15/6/2021
30	WizCap	-	16/6/2021
31	Proyek 2.0-SB KNOCKOUT	-	19/6/2021
32	ORACIO 2.0-SB KNOCKOUT	-	19/6/2021
33	Codage#2 -SB KNOCKOUT	-	20/6/2021
34	WebDizayn	-	28/6/2021
35	Closing Ceremony of SB KNOCKOUT	Sruthy Sivadas [Playback Singer], Dr.Anitha P [Chairman, FISAT], Dr C Sheela [Principal in charge, FISAT]	25/6/2021
36	Article Writing-GEAR ON	-	20/7/2021
37	Drawing-GEAR ON	-	20/7/2021
38	Recitation-GEAR ON	-	21/7/2021
39	Art From Scrap-GEAR ON	-	21/7/2021
40	Quiz-GEAR ON	-	21/7/2021
41	Optimus	Inker Robotics Company	9-8-2021
42	Imperium Inauguration	Dr.Shay Bahramirad [IEEE PES VP of New Initiative & Outreach], Er Suhair A K [Chair, IEEE PES Kerala Chapter]	12-8-2021
43	Mind Meld-August Edition	-	12-8-2021
44	EPCILON#2	Mr.Ketan Keshav[Software Engineer at KreditBee]	13/8/2021
45	Experto - Imperium	Mr.Prince Philip [Manager, Strategic Products & Quality Management, California ISO], Mr.Shankar Narayanan S [Engineering & Commissioning at Sharjah Electricity & Water Authority], Mr Rakesh Roy[MD Mukkudam Electroenergy Pvt.Ltd], Mr.Nitesh Kumar D [Lead Engineer Power System Consulting team Vestas Technology R&D]	14/8/2021
46	Scientia-Imperium	-	14/8/2021
47	Lumos -Imperium	Abhinav Rajeev [Abhinav Rajeev, Product Manager at DiYGuru]	15/8/2021
48	Prowesa-Imperium	-	16/8/2021
49	Hevitra-Imperium	Innosces Company	17/8/2021



50	SCICON-Talk #1	H C Verma [Ex-Professor of Physics, IIT Kanpur]	22/8/2021
51	SCICON-Talk #2	Aparna P Raj [Alumni FISAT]	23/8/2021
52	Iniciante#2	Radhika Jhunjhunwala [Software Development Engineer Informatica]	29/8/2021
53	RAW Chapter 1- DROID 2.0	Dr.Prahlad Vadakkepat [Associate Professor, National University of Singapore, Founder Secretary of FIRA]	1-9-2021
54	RAW Chapter 2- DROID 2.0	Mr Juxi Leitner [Co-Founder & Managing Director, LYRO Robotics]	3-9-2021
55	RAW Chapter 3- DROID 2.0	Robin Tommy [Rapid Lab Head, TCS and Research and Innovations]	4-9-2021
56	RAW Chapter 4- DROID 2.0	Lentin Joseph [Founder & Senior Robotics Software Engineer, Qbotics Labs]	5-9-2021
57	RAW Chapter 5- DROID 2.0	Krishnand Kaipa[Assistant Professor,Old Dominion University]	6-9-2021
58	BlockEncore	Dr.Shiksha Singh[Asst. Prof.Department of Management Studies, IIT(ISM) Dhanbad]	14/9/21&16/9/21
59	Mind Meld-Sept Edition	-	15/9/2021
60	Data Science & Machine Learning	Entri App	17/9/2021
61	Home Automation Workshop-DROID 2.0	Joel George	18/9/2021
62	Innovate Create Implement DROID 2.0	Sonu J S [Founder & CEO of Starting Trouble]	18/9/2021
63	Basics of ROS-DROID 2.0	Lentin Joseph [Founder & Senior Robotics Software Engineer, Qbotics Labs]	24/9/2021
64	Building Blocks of Drones	Abraham George M [Founder, Drone Racers Kerala]	25/9/2021
65	Articulo	-	21/9/2021
66	Homecoming	Zacharia Joshy [Programmer Analyst Trainee, Cognizant], Akash Pradeep [Alumni FISAT], Vysakh Rajeev [Software Engineer, People10], Nikhil M Thomas [Techno-Functional Analyst, People10]	20/9/2021
67	TAG-A-TECH	-	30/9/2021

**11.2. INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)**

An ISTE Chapter is functioning in the institution under the charge of Mr Benoy Abraham, AP, ECE Department and Mr S Sunderarajan, AP, EIE Department.

Sl.No	Date	Activity Type	Programme	Resource person	Coordinator
1	20/01/2021, 21/01/2021	Workshop	2 day workshop on "Basics of programming in Python"	Mr. Pankaj Kumar. G, Assistant Professor, CSE Dept., FISAT	Benoy Abraham
2	16/09/2021	Webinar	Engineer your life	Dawny Jeswin, Manager (Operations) BPCL Bangalore	Ms. Honey Devassy
3	24/09/2021	Talk	Role of ISTE in Engineering Education	Dr.Nidhi, Professor, Mechanical Department, MBCET	Benoy Abraham, Mr S.Sundararajan
4	06/10/2021	Talk	An introduction to flight control systems	Ms.Jithu Priya K, Scientist, Aeronautical Development Agency(ADA), Bangalore	Surya Natarajan

11.3. NATIONAL SERVICE SCHEME (NSS-FISAT)

The NSS Chapter of FISAT is dynamically functioning under the leadership of Mr Sajan S, Asst Professor, Department of Mechanical Engg and Ms Beenu Riju, Asst Professor, Electronics and Instrumentation Engineering

Sl No	Name of the Activity	Resource Person/ Guest
1	"THANAL" birthday tree planting challenge	Mr. Sajan S Ms.Beenu Riju
2	"OSM (Open street mapping) MASS AWARENESS" Programme	Mr Sreerag V, Programme Officer, Amal Jyothi College of Engineering
3	SCIENCERA – A National Level Quiz Competition as a Part of National Science Day Celebration which was open for Classes 10, 11 and 12 of students.	Chief Guest Ms. Anitha P, Chairman FISAT. Quiz Masters Mr. Harish T M & Mr. Nizamudheen Akber.
4	Technical Support for COVID 19 vaccination drive at Mookkannor Primary Health Centre.	Dr. Anuroop, Medical Officer, Mookkannor PHC



5	A DAY TO REMEMBER" An Orphanage Visit at Azhakam	Mr. Sajan S & Arun J Kulangara
6	"ONE RUPEE ONE PAD" An awareness campaign in rural areas of Kerala, An initiation by APJ AKTU NSS FISAT unit 104 & 568 in association with Women's Cell FISAT	Mr. Sajan S Raji P
7	"VACCINE AWARENESS" An awareness session to FISAT NSS Volunteers	Mr. Sajan S Beenu Riju
8	"SEVEN DAYS SPECIAL CAMP" for selected volunteers of NSS FISAT	Inaugurated by Dr. Anitha P, Chairman FISAT. Keynote address by Dr. Jai M Paul, Regional Coordinator of APJ AKTU NSS Cell, Indira Gandhi National Award Winner
9	"HOME ENERGY AUDIT TRAINING"	Dr. Chikku Abraham, Certified Energy Manager, Bureau of Energy Efficiency, Govt of India.
10	"SWACHHTA" An Institutional Workshop by Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Government of India in association with IEDC, Nature club of - SWAN and NSS FISAT	Resource Persons: Dr. Dipu Varghese, MGNCRE Dr. Jiji Antony, Professor, FISAT Inaugurated by Dr. George Issac, Principal FISAT
11	Inauguration of "FISAT Blood Donor's Cell" & A webinar on the "Importance of Blood Donation"	Inaugurated by Mr. Roji M John, MLA Presidential Address by Dr. Anitha P, Chairman FISAT Resource Person Dr. Vandhana Sudheer, consultant Radiologist, Lourde Hospital
12	"ANEMIA CONTROL AND PREVENTION" An Awareness Class in association with ICDS Angamaly.	Dr. Megha Thampy, Professor, Dept of Home Science, Morning Star Home Science College, Angamaly



13	"NATIONAL READING DAY" celebration	Mr. Rajendran Pothanassery Chief Editor, Neeranjal Literacy Cultural Magazine
14	International Yoga Day Celebration	Dr. Arun S, Asst. Prof. S&H Physical Education, FISAT
15	"BHOOMI" drawing Competition and quiz as part of Environment Day Celebration	Mr. Sajan S Ms. Beenu Riju
16	"BHOOMI" Planting a Tree and Making a Cloth Bag- as part of Environment Day Celebration	Mr. Sajan S Ms. Beenu Riju
17	ENGINEERS AND THE ENVIRONMENT" A webinar in association with Civil Engg Dept, FISAT	Ms. Ananthitha General Manager, ULTRA TECH Environmental Consultancy
18	"THAALAM" An instrumental competition and music Composition Competition as a part of World Music Day Celebration	Mr. Sajan S Ms. Beenu Riju
19	"OSM GEO MAPPING" 5 Days Internship in association with KERALA IT MISSION	Ms. Jasmy Maria Joseph. APJ AKTU NSS Cell
20	NSS Orientation for First year Students	Dr. Jai M Paul, Regional Coordinator of APJ AKTU NSS Cell, Indira Gandhi National Award Winner
21	Teachers Day Celebration	Mr. Sajan S Ms. Beenu Riju
22	NSS Day Celebration	Flag Hoisted by Dr. Manoj Kumar, Principal FISAT Message by Dr. C Sheela, Vice Principal, FISAT
23	Webinar on "AWARENESS OF ALZHEIMER'S"	Resource Person Dr. APARNA M, NHM Medical Officer, Mookkannor PHC Chief Guest Dr.Binimol Ponnuse Prof & HoD S&H FISAT
24	"BLACK SWAN" A Tech Talk	Er.Nanma Gireesh,Co- Founder NestAbide,Chief Guest: Dr. Jiji Antony Prof & HoD, Civil Dept, FISAT



27	"Quiz Competition" Based on Engineers Day	Mr. Sajan S Ms.Beenu Riju
28	"Quiz Competition" Based on Ozone Day	Mr. Sajan S
29	"AHIMSA" A Poster Competition as a Part of International Day of Peace and Non-Violence	Nithin H Sreejesh K
30	"IPL PREDICTION 2021" Sept 19 – October 15	
31	"Photography Competition" As a part of World Animal Welfare Day Celebration	Mr. Sajan S Ms.Beenu Riju

ACHIEVEMENTS

Sl No	Name of the students/Staff	Name of Recognition
1	FISAT	Recognition from Mahatma Gandhi National Council of Rural Education, Hyderabad., Department of Higher Education, Govt of India for "Beat Covid Campaign"
2	25 Students Completed the OSM Geo Mapping Internship	Recognition from APJ AKTU Cell & Kerala IT Mission.
3	FISAT	Recognition for the Technical Support For Covid Vaccination drive at Mookkannoor PHC. With our Support Mookkannoor Panchayath Emerged as One among the 3 panchayaths which completed 100 % Vaccination of First dose.
4	21 Students completed the "FIT INDIA FREEDOM RUN 2.0"	Special Appreciation and Certificate from Nehru Yuva Kendra (NYK) Ernakulam

11.4. WOMENS CELL

Dr Archana R, Professor, EEE Department was the faculty in charge of the Women's Cell

MAJOR ACTIVITIES

Sl No	Name of the activity	Resourse person
1	Webinar- Feminine Health	Dr. Savithri M C, Professor, Department of Pathology, Amala Institute of Medical Sciences, Thrissur



11.5. NATURE CLUB

The Nature Club (SWAN) is one of the most active college-based nature clubs in Kerala established in 2002. It is an organization dedicated to promote natural sciences, ecology and conservation of nature. SWAN aims at creating a new generation of youth, that recognizes the importance of preserving nature and creates eco-friendly and green solutions and to facilitate the development of passion for environmental protection, to promote environmental awareness, to spread environment education, in an informal and creative manner in youngsters. The club frequently arranges field trips, nature walks and talks by naturalists. Mr Anoop E G, AP, ECE Department, Ms Jeslin P Jo, AP, ECE Department are in charge of the club.

11.5.1. Activities During Academic Year 2020-2021

1. Beat Covid Campaign- 27th July 2021 (recognized as a member of Beat Covid Campaign initiative of Mahatma Gandhi National Council of Rural Education, Hyderabad)
2. Online institutional workshop on Swachhta on 29th April 2021 (Dr. Dipu Varghese from MGNCRE)
3. VAIGA - AGRI HACK (Kerala Largest Agricultural Hackathon)am REVEAL - Reshma R, S Haridev Sankar, Derin T Jose, John Paul and Amrutha M of S5 EIE has won **second prize** with cash award of Rs. **75,000/-**.
4. Projects done by students to provide a clean and smart campus for the last one year.
5. SWAN under the guide ship of all the departments encouraged the students to work on projects and ideas that can be used to make our campus smart as well as a clean, environment friendly campus.

Few of them are listed below.

- i) Miniaturized vertical pro-farm (VAIGA Agri Hack 2021- Runner-up)
- ii) IoT based micro environment monitoring and management system for greenhouses. (VAIGA Agri Hack 2021- Finalist)
- iii) Design And Fabrication of Incinerator
- iv) Design and Implementation of Waste Plastic Filament Extrusion Machine for Recycling of LDPE and failed 3D prints
- v) Waste Picking Robot
- vi) A Real Time Water Quality Monitoring System
- vii) Contactless IR Thermometer
- viii) Detection of polluted air
- ix) SprayBee

12. LIBRARY

As the classes were mostly confined to the online mode due to the pandemic situation, FISAT eLibrary (Remote access)/Mobile app (Knimbus) was implemented to facilitate virtual learning in the pandemic situation.

1. Started National Digital Library (NDL) Membership for Staff & Students.



2. National Digital Library Club was formed under the initiative of Ministry of Education, Govt. Of India & IIT Kharagpur.
3. Regular Plagiarism Checking for Research Scholars/Students.
4. Library Website & Library Web Interface developed under the initiative of FISAT Consultancy Services.
5. Book Exhibition conducted from 19th July 2021 to 29th July 2021
6. All library staff members attended 7-day workshop on KOHA (Library management software).

13. HOSTELS

All the hostels of FISAT had actively taken up the challenging task of safely accommodating students amidst the raging pandemic, for the contact classes and university exams, as per the Covid Protocol guidelines specified by the university/health authorities.

14. PHYSICAL EDUCATION

With the outbreak of COVID -19 the physical education department was not effective as all the sports activities at the National level and the University level were suspended.

The Sports infrastructure was also not being put to use in the absence of students. Post vaccination and with the partial opening of the colleges the sports activities are slowly reviving. Hence, efforts were undertaken to bring back the sports grounds into shape and also carry out necessary maintenance of equipments kept at the boys & girls fitness centre.

The wild vegetation growth surrounding the college sports ground has been cleared.

The football ground, basketball ground and the health centre are now being utilised by the students under the guidance of physical education instructors. The Department conducted Fitness assessment test periodically for Basketball and football players. Fitness training and skill protocol for those players who are members of College team through online mode.

The following maintenance works are going on in the playground.

- 1) Complete removal of weeds from the playground.
- 2) Lawn moving.
- 3) Cleaning the adjacent areas of playground.
- 4) Installation of cricket nets and Cricket Pitch maintenance
- 5) Drainage facility cleaning

15. FISAT ALUMNI ASSOCIATION (FISTAA)

Alumni members are always willing to share their experiences and knowledge with our students. Alumni members are invited to various events such as conferences (ICEFOSS- a national level conference on Free and Open-Source Software), workshops & annual day events every year. The college invites the Alumni members to deliver technical talks / experience-sharing sessions for the ongoing batch. Alumni working with different companies also guide the pre-final & final year students to prepare for campus placements.

The activities of various departments in the academic year 2020-21, in which Alumni was the resource person:



Type of Event	Title	Date	Alumni (Name and Designation)	Batch	Dept.
Panel Discussion	Computer Science Degree and Software Industry	6/6/2021	1. Mr. Johny James, Myntra 2. Midhun Kandoth, United Layer 3. Adam Shamsudheen, Saama 4. Unnikrishnan T A, University of Melbourne	2010-14 2013-17 2008-12	CSE
Talk Concert	Life of a Data Engineer	29/3/2021	Nithish R, Data Engineer, zooplusAG, Munich, Germany	2008-12	CSE
Webinar	Cyber Security and Ethical Hacking	11/9/2021	Mr. Sreehari C P, Security Analyst, Fortune 500 Bank	2015-19	CSE
Panel Discussion	Higher Studies Abroad	19/6/2021	Bianca Kurian Smobin Vincent Balu Babu Shyam Pulikan Aashin Sravan Libin Benny Midhun Suresh	2010-14 2011-15 2012-16 2014-18 2015-19	ME
Webinar	Sensitisation of Design, CEED, M.Des & Opportunities	10/6/21	Mr Manu T M, Researcher /Designer, Hero Motocorp, M.Des IISc Bangalore	2010-14	ME
Webinar	How to prepare effectively for GATE exam & possibilities after the exam	7/6/2021	Mr.Harikrishnan J, GATE 2021 All India Rank Holder	2012-16	ME
Webinar	Career opportunities in the government sector for a B.Tech Mechanical graduate	30/3/2021	Mr. Sanjay Sanil, Senior Section Engineer, South Western Railways	2010-14	ME
Webinar	Landing your first job	24/3/2021	Mr. Kishore Nair, GM, Corporate Sales, Pikkol	2009-13	ME



16. PARENT TEACHER ASSOCIATION

PTA Executive council for the year 2021-22 was reconstituted as per the KTU norms. In the pandemic situation, PTA executive committee meetings were conducted online. For the academic year 2021-22, the following members were selected as office bearers.

President : Dr. Manoj George, Principal.

Vice President : Mr. N I Thomas.

Secretary : Dr. Jose Cherian, Professor, Department of Mechanical Engineering.

Joint Secretary : Mr. Aji VR.

Treasurer : Dr. Jiji Antony, Professor, Department of Civil Engineering.

As per the request of the PTA executive council held on 9-12-2020, the management had given fee concession to 220 students. The total fee concession amount is Rs 1.12 crores. The total placement offers for the pass out batch 2021 was 559. The PTA executive council appreciated the efforts taken by the Placement cell. PTA had spent Rs 10.46 Lakhs for placement and training during the academic year 2020-21. PTA executive council held on 18-10-2021 decided to convene the PTA general body meeting in the conventional mode as per Government guide lines. It was also decided to give top priority to value added courses and placement activities.

17. DEPARTMENT ADVISORY COMMITTEES

Department Advisory Committees were constituted by most of the departments before the first cycle of NAAC accreditation in 2016. The details of the current advisory committees of the different departments are as follows:

17.1 DEPARTMENT OF CIVIL ENGINEERING

Sl. No.	Name	Designation
1	Dr T P Somasundaran, Retd. Professor, NIT Calicut	External Academia
2	Mr. Dinesh C P, Managing Director, FRBS, FACT, Cochin	Industry
3	Er. Suresh S, Consultant, Associated Structural Consultants, Kochi	Industry
4	Dr. Mini P R, Dean (Academics)	College IQAC Coordinator
5	Dr. Manoj George	Principal
6	Dr. C Sheela	Vice Principal
7	Dr. Unni Kartha G, Assistant Professor Sr. Grade, FISAT	Senior Faculty
8	Ms. Jiji Antony, Assistant Professor Sr. Grade, FISAT	Head of Department
9	Dr. Kavitha P E, Associate Professor, FISAT	Faculty Member
10	Ms. Rinu J Achison, Assistant Professor Sr. Grade, FISAT	Department IQAC Member



11	Mr. K A Johnson	Parent
12	Mr. Stefan Jose Panackal, Cochin Shipyard	Alumni
13	Mr. Agi Abraham, Chairman, Builders Association of India, Angamaly Centre	Professional Body
14	Mr. Nithul T C, Final Year	Student
15	Dr. Unni Kartha G, Assistant Professor Sr. Grade, FISAT	Senior Faculty

17.2 DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Sl. No	Name	Designation
1	Dr. Manoj George	Principal, FISAT
2	Dr. C. Sheela,	Vice Principal, FISAT
3	Dr. Mini P R	Dean (Academics) & IQAC coordinator, FISAT
4	Dr. Santhosh Kumar M B	Professor, School of Engineering, CUSAT
5	Mr. Hasum Jacob	Head of Digital Transformation Services, TCS
6	Mr. Girish Kumar P R	Director - Wireless Technology, GadgEon
7	Dr. Jyothish K John	Professor & Head, CSE, FISAT
8	Dr. Prasad J C	Professor, CSE, FISAT
9	Dr. Arun Kumar M N	Professor, CSE, FISAT
10	Ms. Divya John	AP (Senior Grade), CSE, FISAT
11	Mr. Mahesh C	AP, CSE, FISAT
12	Ms. Chethna Joy	AP, CSE, FISAT
13	Mr. Rijo Jose Louis	
14	Mr. Anand J	Software Engineer, Dell

17.3. DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Sl. No	Name	Designation
1	Dr. Manoj George	Principal, FISAT
2	Dr. C. Sheela	Vice Principal, FISAT
3	Dr. Mini P R	Dean (Academics) & IQAC coordinator, FISAT
4	Dr. S. Mridula	Professor, Division of Electronics, School of Engineering, CUSAT



5	Mr. Greg Xavier	Delivery Partner, TCS
6	Dr. Anil Kumar M N	Professor and Head of Department, ECE, FISAT
7	Dr. S. Krishnakumar	Professor, ECE, FISAT

17.4. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Sl No	Name	Designation
1	Dr. Asha Elizabeth Daniel	Professor, Division of Electrical Engineering, School of Engineering, CUSAT
2	Mr. Nobin Mathew	Director, Energy IoT Division, KALKI Communication Technologies Pvt Ltd.
3	Mr. Madhukrishna. S. Menon	Junior Engineer, RNO Division, KALKI Communication Technologies Pvt Ltd.(Alumni)
4	Dr. Archana R	Professor and HoD, Dept. of EEE, FISAT
5	Dr. Parvathy R	Professor (EEE), FISAT
6	Mr. Muhamed Noufal C	Assistant Professor (EEE), FISAT
7	A student nominated by the department	
8	A parent nominated by the department	

17.5. DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

S.No	Name	Designation
1	Dr Manoj George, Principal	Principal, FISAT
2	Dr. C.Sheela	Vice Principal, FISAT
3	Dr. Mini P R	Dean (Academics) & IQAC coordinator, FISAT
4	Dr. K N Madhusoodanan	HOD, Instrumentation, CUSAT
5	Mr. Jomon George	Scientist(G), NPOL
6	Dr. Abi P Mathew	Head of Department, EIE, FISAT
7	Mr. S Sundararajan	Assistant Professor, EIE, FISAT
8	Ms. Lakshmi Nandakumar	Assistant Professor, EIE, FISAT & Alumni Representative

**17.6. DEPARTMENT OF MECHANICAL ENGINEERING**

Sl. No.	Name	Designation
1	Dr. Anitha P	Chairman, FISAT
2	Dr. Manoj George	Principal, FISAT
3	Dr C.Sheela	Vice Principal, FISAT
4	Dr. Mini P R	Dean, Academics, FISAT
5	Dr P S Sreejith	Principal, Rajagiri School of Engineering and Technology
6	Mr. Francis Paul	Head (Rtd.), Work Boat, Qatar Petroleum Corporation, Qatar
7	Mr. Deepak prabhakar	CGM(CS), Mangalore Refinery & Petrochemicals ltd., Kuthethoor PO, Mangalore 575030, deepakani@gmail.com
8	Dr. Sumanlal M R	HOD, Mechanical Engineering, FISAT
9	Dr. Jose Cherian	Professor, Mechanical Engineering, FISAT
10	Mr. Jiju P P	Asst. Prof. Sr.Grade, Mechanical Engineering, FISAT
11	Smt. Devi Parvathy	Asst. Prof. Sr.Grade, Mechanical Engineering, FISAT
12	Mr. Sajan S	Asst. Prof. Sr.Grade, Mechanical Engineering, FISAT
13	Mr. Akshay P	Executive Engineer, KSB Pumps, Mala, Thrissur

17.7. DEPARTMENT OF COMPUTER APPLICATIONS

Sl. No.	Name	Designation
1	Dr. Manoj George	Principal, FISAT
2	Dr. Sabu M K	HoD, Dept. of Computer Applications, CUSAT
3	Mr. Jojo Sebastian	Business Executive- Global Government Sector, IBM India Pvt. Ltd, Bangalore
4	Mr. Rajeev M Azhuvath	Enterprise Architect, TCS Digital, Kochi
5	Dr. C Sheela	Vice Principal, FISAT
6	Dr. Mini P R	Dean Academics, FISAT
7	Dr. Deepa Mary Mathews	HoD, Dept. of Computer Applications, FISAT
8	Mr. Santhosh Kottam	Senior Faculty, Dept. of Computer Applications, FISAT
9	Ms. Senu Abi	Senior Faculty, Dept. of Computer Applications, FISAT
10	Mr. Gopu C	Product Development Lead, Envestnet, Technopark, Trivandrum



17.8. FISAT BUSINESS SCHOOL

FISAT Business School Advisory Council was constituted in the year 2021 with the following members

Sl. No.	Name	Position	Organization
1	Dr. Simon George	Adjunct Professor & Former Dean-Academics	T A PAI Management Institute (TAPMI), Manipal
2	Prof. (Dr.) Zakkariya K.A	Professor, School of Management Studies, CUSAT Director, DDU KAUSHAL KENDR	CUSAT
3	Dr. Thomas Joseph	Adjunct Professor, Business Policy and Strategy IIM Udaipur, IIT Delhi	IIM Udaipur, IIT Delhi
4	Mr. Thomas Kuruvilla	Managing Partner Middle East & Global Board Member of Arthur D. Little	Arthur D. Little
5	Mr. Suresh R Prabhu	Chief Delivery Officer	Industry Verticals Persistent Systems Ltd.
6	Nobin Thomas	Former Chairperson, Post-graduate Programme in Human Resource Management	IIM Indore

18. GOVERNANCE AND ADMINISTRATION

18.1. GOVERNING BODY

As per the guidelines of AICTE, the Governing Body was constituted with members from Managing Committee, Officials of the College, Experts in Technology/Education, Representatives of University, State Government and AICTE.

	Name of the member(s)
Chairman – Secretary of FBOA Educational Society (Ex-officio)	Dr. Anitha P.
Secretary – Principal (Ex-officio)	Dr. Manoj George
Nominee of AICTE	Dr. Ramesh Unnikrishnan
Representative of University Nominated by Syndicate	Registrar, KTU



2 faculty members nominated by the registered society (One professor & One Associate/Assistant Professor)	Dr. C. Sheela, Professor Mr. Santhosh Kottam, Assistant Professor
2-5 members of the registered society	Mr. Aneesh Kumar R, President, FBOA Mr. Sachin Jacob Paul, Treasurer, FBOA Dr. Paul Mundadan, Management Representative
Educational expert nominated by the registered society	Dr. Kurien Issac, Senior Professor & Dean, Indian Institute of Space Science and Technology, Thiruvananthapuram Dr. K. Vijayakumar, Professor and Director of Technical Education, Kerala (Rtd)

The Governing Body meets annually to discuss the various governance aspects of the institution. The last meeting of FISAT governing body was held in November 2020.

18.2. INTERNAL GOVERNING COUNCIL (IGC)

Internal Governing Council (IGC) is functioning in order to ensure effective monitoring and for timely decisions on routine academic matters. Members of the IGC are Chairman, Principal, Vice Principal, Dean, and Administrative Officer. Internal Governing Council meets periodically to discuss and streamline the academic activities of the College.

18.3. ADMINISTRATION

Dr Manoj George has taken charge as the Principal from July 1, 2021. The Principal along with Vice Principal, Dean (Academics) and Administrative Officer take care of the day-to-day affairs of the college. All major decisions are taken after discussion with the Chairman.

Principal	Dr. Manoj George, M. Tech, Ph.D
Vice-Principal	Dr. C Sheela, M.sc, M. Phil, Ph.D
Dean (Academics)	Dr. Mini P R, M Tech, Ph.D
Director, FISAT Business School	Dr. A J Joshua, MBA, Ph.D
Administrative Officer	Mr Vinod M Nair

Administrative Officer supported by an office team takes care of academic matters, general administration, finance and accounts, purchases and inventory management and human resources functions.



The Heads of various departments for the academic year 2021-2022 are as follows:

S.No	Department	Name of the HoD
1	Civil Engineering	Dr Jiji Antony
2	Computer Science and Engineering	Dr Jyothish K John
3	Electronics and Communication Engineering	Dr Anil Kumar M N
4	Electrical and Electronics Engineering	Dr Archana R
5	Electronics and Instrumentation Engineering	Dr Abi P Mathew
6	Mechanical Engineering	Dr Sumanlal M R
7	Science and Humanities	Dr Binimol Punnoose
8	Computer Applications	Dr Deepa Mary Mathews
9	FISAT Business School	Dr Joshua A J (Director)

18.3.1. Quality Initiatives in Administration

'Operational Guidelines and Expenditure Rules' was implemented in the college with effect from 01 April 2021, for ensuring systematic practices and effective control of expenses. The policy envisages to ensure transparent and collective decision making in the purchase procedure with improved accountability. A robust inventory management system for the huge assets of the institute is also envisaged. This will also ensure arresting wastage and will prevent surplus stocks resulting in saving for the exchequer during these difficult times. These rules also stipulate the financial powers for the office bearers.

The automation of office and administrative functions is in progress. All financial transactions are done in digital mode.

18.4. HUMAN RESOURCES

18.4.1. STAFF STRENGTH

The strength of teaching and non-teaching staff is tabulated below:

STAFF POSITION	Regular	Contract	On leave	TOTAL
Principal	-	1	-	1
TEACHING				
B Tech & M Tech	154	2	3	159
MCA	14	-	-	14
MBA	12	-	-	12
Total -Teaching	180	3	3	186
NON -TEACHING				
Office	30	6	-	36



Library	7	2	-	9
Technical (Lab and Maintenance)	54	4	2	60
Basic Science (Lab Demonstrators)	3	-	-	3
Hostel staff	4	5		9
Total - Non-Teaching	98	17	2	117
GRAND TOTAL	278	20	5	303

18.4.2. Ph.D HOLDERS

The details of faculty members with PhD:

S.No	Name of Faculty Member	Department	Year of award of PhD
1.	Dr Manoj George	Principal	2017
2.	Dr C Sheela	S& H	1993
3.	Dr Binimol Punnoose	S& H	2007
4.	Dr Joshua A J	FBS	2010
5.	Dr Krishnakumar S	ECE	2012
6.	Dr Prasad J C	CSE	2013
7.	Dr Arun Kumar M N	CSE	2013
8.	Dr Anil Kumar M N	ECE	2014
9.	Dr Sona Narayanan	S& H	2015
10.	Dr Jose Cherian	ME	2015
11.	Dr Archana R	EEE	2016
12.	Dr Ayswarya E P	S & H	2017
13.	Dr Abi P Mathew	EIE	2017
14.	Dr Kavitha P E	CE	2017
15.	Dr Sumanlal M R	ME	2018
16.	Dr Midhun Paul	ME	2018
17.	Dr Mini P R	ECE	2018
18.	Dr Anish Mathew K	EIE	2018
19.	Dr Rakhi Venugopal	MCA	2019
20.	Dr Rajeesh C R	ME	2019
21.	Dr Unni Kartha G	CE	2019
22.	Dr Asha Joseph	CE	2019
23.	Dr Parvathy R	EEE	2019
24.	Dr Jyothish K John	CSE	2019



25.	Dr Paul P Mathai	CSE	2019
26.	Dr Jiji Antony	CE	2020
27.	Dr Arun S	S&H	2021
28.	Dr Deepa Mary Mathews	MCA	2021
29.	Dr Shidha M V	MCA	2021
30.	Dr Surya Susan Alex	EEE	2021
31.	Dr Rabiya Rasheed	EEE	2021
32.	Dr Reshmi R	CSE	2021
33.	Dr Anoo Anna Antony	FBS	2011
34.	Dr Dhanya Alex	FBS	2014
35.	Dr Jose Varghese	FBS	2016
36.	Dr Sindhu George	FBS	2018
37.	Dr Delma Thaliyan	FBS	2020
38.	Dr. Sujesh Lal	MCA	2021

18.4.3. HR Policy

The HR policy was reviewed and implemented with effect from 01 July 2021. The aim of the policy is to ensure sufficiency, appropriateness, fairness in service conditions, rules and procedures, discipline, training and overall development of the manpower. Maternity leave (180 days paid leave) as per Government norms, scientific performance appraisal for faculty members, grievance redressal etc are some of the major improvements.

18.4.4. Release of Gratuity

The payment of gratuity including outstanding amounts, totaling Rs. 89 lakhs was released fully during the period.

19. CONCLUSION

Though gripped by the pandemic, we could make commendable progress in the academic activities. Our students could excel in various events and avenues and could grab good placements. Several policy initiatives of the Management helped in focussing more on academic activities with special thrust on projects and research. The Institution is aiming to grow to further higher levels of academic performance in achieving its pronounced vision of becoming a world class professional institute with focus on excellence.

Hormis Nagar
31.10.2021

Sd/-
Dr. Manoj George
Principal



INDEPENDENT AUDITOR'S REPORT

To, Federal Bank Officers Association Educational Society, Aluva

Opinion

We have audited the financial statements of Federal Bank Officers Association Educational Society, Aluva, (the entity), incorporating the accounts of Federal Institute of Science and Technology, Mookkannoor, which comprise the balance sheet as at March 31st 2021, and the Income and Expenditure account, for the year then ended.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the entity as at March 31, 2021, and of its financial performance, for the year then ended in accordance with the Accounting Standards issued by the Institute of Chartered Accountants of India (ICAI).

Basis for Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) issued by ICAI. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the entity in accordance with the Code of Ethics issued by ICAI and we have fulfilled our other ethical responsibilities in accordance with the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the state of affairs and results of operations of the entity in accordance with the accounting principles generally accepted in India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the entity's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Place: Aluva
Date: 25.09.2021



Vinay N. Pisharady FCA
Chartered Accountant
Membership No. 233743
UDIN: 21233743AAAABD4606



FBOA Educational Society, Aluva
(Reg. No. ER 1091/2000)
Consolidated accounts of the Society incorporating the accounts of
Federal Institute Of Science And Technology (FISAT)
BALANCE SHEET AS AT 31-03-2021

PY	LIABILITIES	RS	RS	PY	ASSETS	RS	RS
109,503,026	Capital Fund		109,503,026		FIXED ASSETS:		
12,798,300	Membership Fee		13,540,300	719,197,112	(As Per FA Schedule)		655,786,488
247,500,000	Development Reserve		247,500,000		Deposits and Advances:		
25,000,000	Endowment Reserve		25,000,000		Fixed Deposits with bank	100,000	
50,000,000	Welfare Reserve		50,000,000	32,200,000	Term Deposit with Canara Bank		
802,330	Endowment Fund		802,330	836,583	charged With MGU	836,583	
4,137,522	Store Fund		4,137,522	1,159,722	Security Deposits	1,159,722	
	Income and Expenditure A/C			230,500	Endowment Funds held under FD	802,330	
118,965,426	Opening Balance	81,684,100		4,111,829	Other deposits & advances		
-37,281,326	Add: Current year Additions	(25,044,459)	56,639,640		(As Per List)	2,422,255	5,320,890
	Loans & Borrowings:				Current Assets:		
61,071,429	Federal bank Term Loan	57,169,421			Income Tax(TDS) Receivable	479,917	
-	Federal bank MSME COVID TL	16,700,000		376,808	Fees Receivable	24,622,663	
29,176,599	Loan Against FD	-		2,939,773	Interest Receivable	23,205	
35,441,500	Federal bank ODCC	18,380,734		1,532,180	Stock of stationery	606,381	
63,079	Tata Motors finance Ltd	-	92,250,155	2,323,472	Other Receivables(As per List)	2,330,771	28,062,937
	Deposits & Advances:				Cash & Bank Balances:		
31,397,676	Caution Deposit	29,702,181			Cash in hand	2,096	
37,075,000	Refundable Deposit	33,503,775			with Banks:		
	Other Deposits & Advances				Federal Bank Ltd	8,348,964	
13,630,028	(As per List)	12,248,031	75,453,987	2,386	State Bank Of India	338,039	
	Outstanding Liabilities:			1,633,890	ICICI Bank	146,987	8,836,086
15,355,507	Advance Fees	7,977,608		725,543			
13,432,816	Other Payables(As per List)	15,201,833	23,179,441	142,585			
	TOTAL		698,006,402		TOTAL		698,006,402
768,068,911				768,068,911			

*Previous year figures have been regrouped wherever necessary

For FBOA Educational Society

President: Aneesh kumar R

Secretary: Anitha P

Treasurer: Sachin Jacob Paul

As per our report of even date attached:



Vinay N. Pisharady FCA
 Chartered Accountant
 Membership No. 233743

Date: 25.09.2021
 Place: Aluva



FBOA Educational Society, Aluva
(Reg. No. ER 1091/2000)
Consolidated accounts of the Society incorporating the accounts of
Federal Institute Of Science And Technology (FISAT)

INCOME & EXPENDITURE ACCOUNT FOR YEAR ENDED 31st MARCH 2021

PY	EXPENDITURE	RS	PY	INCOME	RS
210,000	Audit Fee & other Services	243,000	519,936	Application Fee	747,160
198,333,759	Employee Benefit Expenses(As per List)	194,950,818	133,100	College Admission Fee	116,100
680,900	Scholarships	384,100	231,164,120	Tuition Fee (As per List)	228,756,318
28,480,255	Conveyance Charges(As per List)	4,026,926	47,832,200	Special Fee	45,905,658
15,053,868	House Keeping/Security Charges	4,516,505	21,615,904	Conveyance Charges	676,548
4,407,130	Salary/Maintenance/Rent on Hostels	4,018,743	361,000	Hostel Admission Fee	243,250
11,074,812	Mess Charges	4,407,941	18,917,525	Rent & Establishment	1,708,833
3,373,616	Uniform Charges	-	11,746,108	Mess Charges	4,395,374
4,196,265	Affiliation & related fees	705,000	3,640,910	Uniform Charges	-
1,701,544	Sports & Recreation Consumables	129,349	3,974,358	Affiliation & Other Fees	4,847,189
804,627	Workshop/Lab Consumables	60,797	1,129,500	Consumables & Stationery Charges	385,712
237,385	Consultancy & Legal Charges	326,760	30,990,511	Charges for Special Facilities & Other Income	28,362,293
2,518,384	NBA Accreditation Related Expenses	185,260	2,985,643	Interest	1,670,587
3,769,878	Welfare & Training Programmes,Seminars for Students & Staf	494,467	1,138,182	Agricultural Income	1,275,754
3,059,018	Placement and Training Charges	1,583,413	37,281,326	Excess of Expenditure over Income	25,044,459
17,519,360	Fee waiver / Concessions	22,090,925			
1,823,121	Internet Charges	1,836,815			
1,045,842	Fuel for Generator	125,526			
6,611,412	Electricity Charges	2,829,118			
8,587,172	Interest and Bank Charges	9,391,909			
1,323,611	Insurance Charges	839,868			
637,064	Rates & Taxes	2,114,504			
2,578,390	Journals & Periodicals	2,271,091			
6,255,832	Advertisement & Promotional Expenses	2,008,464			
2,074,896	Printing & Stationery	773,016			
64,261	Postage & Couriers	57,404			
226,791	Telephone Charges	287,999			
5,058,942	Office & General Expenses	749,992			
642,000	Honorarium Payments	348,900			
1,778,979	Travelling Expense	147,069			
849,521	Agricultural Expense	416,014			
7,889,834	Repairs & Maintenance	3,335,627			
5,397,370	Charity & Donations	17,129,428			
275,613	Prizes & Mementos	52,000			
2,253,920	TDS Written off	-			
713,790	GST Paid under own expense	106,198			
4,058,524	Ineligible GST ITC on Exp. Written off	1,704,813			
57,862,638	Depreciation written off for the year(As per FA Schedule)	59,485,475			
413,430,323	TOTAL	344,135,235	413,430,323	TOTAL	344,135,234.91

*Previous year figures have been regrouped wherever necessary

For FBOA Educational Society

President: Aneesh kumar R

Secretary: Anitha P

Treasurer: Sachin Jacob Paul

As per our report of even data attached:



Vinay N. Pisharady FCA
Chartered Accountant
Membership No. 233743

Date:25.09.2021
Place:Aluva



FBOA Educational Society, Aluva
(Reg. No. ER 1091/2000)
Consolidated accounts of the Society incorporating the accounts of
Federal Institute of Science And Technology (FISAT)

FIXED ASSETS SCHEDULE

Name of Assets	Opening Balance as on	Additions during the	Additions during	Additions during the year	Deductions	Total	Rate	Depreciation for	Balance
	1/4/2020								
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	%	Rs.	Rs.
LAND									
Land	105,005,792	-	-	-	11,313,569	93,892,223	0%	-	93,892,223
Land Development Cost	11,218,960	-	-	-	102,000	11,116,960	0%	-	11,116,960
Sports Ground Development	14,181,200	-	-	-	-	14,181,200	0%	-	14,181,200
BUILDINGS									
Administrative Block	10,481,190	-	-	-	-	10,481,190	10%	1,048,119	9,433,071
Engineering Block	14,257,743	-	-	-	-	14,257,743	10%	1,425,774	12,831,969
Ladies Hostel Building	8,198,080	-	-	-	-	8,198,080	10%	819,808	7,378,272
Gents Hostel Building	6,048,937	-	-	-	-	6,048,937	10%	604,894	5,444,043
Workshop Building 1	865,106	-	-	-	-	865,106	10%	86,511	778,595
Workshop Building 2	2,357,349	-	-	-	-	2,357,349	10%	235,735	2,121,614
Mess Hall Building	1,542,471	-	-	-	-	1,542,471	10%	154,247	1,388,224
Auditorium Building	942,901	-	-	-	-	942,901	10%	94,290	848,610
Quarters	935,188	-	-	-	-	935,188	10%	93,519	841,670
Canteen Building	613,858	-	-	-	-	613,858	10%	61,386	552,472
P G Hostel	31,806,622	-	-	-	-	31,806,622	10%	3,180,662	28,625,959
P G Block	33,996,870	-	-	-	-	33,996,870	10%	3,399,687	30,597,183
Generator Room/Health Club	1,000,273	-	-	-	-	1,000,273	10%	100,027	900,245
Incinerator Room	388,470	-	-	-	-	388,470	10%	38,847	349,623
Security & Store building	3,793,613	-	-	-	-	3,793,613	10%	379,361	3,414,251
Mechanical Workshop	14,865,890	24,555.24	652,381.00	676,936.24	-	15,542,827	10%	1,521,664	14,021,163
New ladies Hostel	22,421,892	-	-	-	-	22,421,892	10%	2,242,189	20,179,703
Bank Building	1,535,258	-	-	-	-	1,535,258	10%	153,526	1,381,732
New Mess Hall	672,779	-	-	-	-	672,779	10%	67,278	605,501
Sports Courts	1,218,095	-	-	-	-	1,218,095	10%	121,810	1,096,285
Roads & Bridges	9,306,975	-	-	-	-	9,306,975	10%	930,698	8,376,278
Compound wall	6,715,631	-	-	-	-	6,715,631	10%	671,563	6,044,068
New Water Well	628,975	-	-	-	-	628,975	10%	62,897	566,077
New Academic Block	155,675,295	-	-	-	-	155,675,295	10%	15,567,529	140,107,765
New ladies Hostel Extension	41,693,265	-	-	-	-	41,693,265	10%	4,169,327	37,523,939
New Generator Room	15,424,016	-	-	-	-	15,424,016	10%	1,542,402	13,881,614
FAB LAB	7,072,359	-	-	-	-	7,072,359	10%	707,236	6,365,123
Mult Media Centre	832,084	-	376,042.00	376,042.00	-	1,208,128	10%	102,011	1,106,116
FURNITURES									
Furniture & Fixtures	55,772,298	105,300.00	34,000.00	139,300.00	-	66,911,598	10%	5,589,460	50,322,139
PLANT MACHINERY & EQUIPMENTS									
Electrical Equipments	20,999,355	150,634.42	37,082.00	187,716.42	-	21,187,071	15%	3,175,280	18,011,792
Printers & UPS	3,338,515	-	4,700.00	4,700.00	-	3,343,215	15%	501,130	2,842,085
Lab Equipments	16,391,796	29,655.00	2,400.00	32,055.00	-	16,423,851	15%	2,463,398	13,960,454
Library Books	8,238,525	-	81,866.00	81,866.00	-	8,320,391	15%	1,241,919	7,078,472
Foreign Language Lab	27,763	-	-	-	-	27,763	15%	4,164	23,599
Biogas Plant	282,517	-	-	-	-	282,517	15%	42,378	240,140
Fire Fighting Equipments	3,279,483	-	-	-	-	3,279,483	15%	491,923	2,787,561
Health/ Recreation Equipments	2,681,529	-	-	-	-	2,681,529	15%	402,229	2,279,300
Kitchen Equipments	647,530	-	-	-	-	647,530	15%	97,130	550,401
Office Equipments	604,591	1,995.00	-	1,995.00	-	606,586	15%	90,988	515,598
Sewage Treatment Plant	2,026,918	-	-	-	-	2,026,918	15%	304,038	1,722,880
Solar Power Plant	1,387,434	-	-	-	-	1,387,434	15%	208,115	1,179,319
Automotive & Allied Research Lab	48,286	-	-	-	-	48,286	15%	7,243	41,043
MOBILE FAB LAB	184,594	910.00	-	910.00	-	185,504	15%	27,826	157,678
VEHICLES									
Vehicles	11,426,078	-	-	-	-	11,426,078	15%	1,713,912	9,712,166
COMPUTERS									
Computer & Software	8,475,193	220,123	316,120	536,243	-	9,011,436	40%	3,541,350	5,470,086
	661,509,540	533,172	1,504,591	2,037,764	11,415,569	652,131,734		59,486,475	592,646,260
Capital Work-in-Progress									
B ARCH COLLEGE A/C	57,687,572	336,100	5,116,556	5,452,656	-	63,140,228	0%	-	63,140,228
	57,687,572.40	336,100	5,116,556	5,452,656	-	63,140,228		-	63,140,228



Lists forming part of Financial Statements FY 2020-21
5 Other deposits & advances(Asset):

Particulars	2020-21	2019-20
Aiswarya Builders	-	1,500,000
Advance Staff	498,599	959,443
Princy Travels	1,274,532	833,200
G S Electrical Consultants	315,957	315,957
Advance(Others)	160,000	185,000
Advance Laptop	173,167	173,167
Decorint	-	100,000
Service Tax Appeal Deposit Fees	-	45,062
TOTAL	2,422,255	4,111,829

6 Other Receivables:

Particulars	2020-21	2019-20
Rent Receivable	132,000	60,000
Staff Parents Mediclaim Insurance	1,928,771	2,228,525
Staff Mediclaim Insurance	270,000	34,947
TOTAL	2,330,771	2,323,472

7 Other Deposits & Advances(Liability):

Particulars	2020-21	2019-20
Hostel Security Deposit	4,026,368	4,146,468
Bus Deposit	1,531,447	1,768,507
Book Bank Deposit	1,435,910	1,661,660
Fitness Centre Deposit	29,400	29,400
Security Deposits	300,000	300,000
Hostel Mess Advance	1,722,723	2,224,723
Retention Money	3,202,183	3,499,270
TOTAL	12,248,031	13,630,028

8 Other Payables:

Particulars	2020-21	2019-20
Statutory Remittances	1,624,865	1,800,796
Alumini Fund Account	2,380,973	3,137,643
Contribution To Pension Fund Payable	1,031,309	2,112,712
PTA Fund Account	1,970,599	177,875
Tomy Joseph	775,329	1,705,556
Build India Engineers & Consultants	4,907,949	1,424,766
Naipuraya Welfare Services	-	1,127,554
Nice Cleaners	594,456	-
Sunil Impress	-	850,390
Bharat Sanchar Nigam Limited(Telephone Charges)	-	562,691
LIC of India(Staff Life Insurance Payable)	236,207	241,706
Naikshatra Hospitality (Sabu Paul)	-	100,687
Eklavya Project	59,470	59,470
Stipend SC/ST/OEC Students	280,900	55,900
Staff Welfare Fund	44,050	46,675
FISAT Avenue works - Eido Alias	613,241	-
Other Expenses Payable	414,886	78,395
AICTE Grants	267,600	-
TOTAL	15,201,833	19,492,816

1 Employee Benefit Expenses:

Particulars	2020-21	2019-20
Festival & Special Allowances	508,500	793,600
Academic and Research Allowance	-	1,000,473
Stipend To Trainee Staff	85,085	435,596
Salary For Teaching & Non Teaching Staffs	183,605,339	187,489,608
Contribution Employees Provident Fund(EPF)	732,314	770,557
Contribution Employees State Insurance(ESI)	229,493	357,559
Gratuity Payments	4,299,524	1,964,607
Contribution To Pension Fund	5,131,698	5,182,187
FISAT Personal Accident Group Insurance&Super AWS	358,865	340,572
TOTAL	194,950,818	198,333,759

2 Conveyance Charges:

Particulars	2020-21	2019-20
College Bus Expense	2,585,721	24,100,358
Vehicle Insurance	608,784	1,709,150
Conveyance Reimbursement	-	994,282
Vehicle Maintenance	218,983	507,712
Diesel / Petrol For Vehicles	613,438	1,168,753
TOTAL	4,026,926	28,480,255

3 Tution Fees:

Particulars	2020-21	2019-20
B Tech	168,231,307	173,318,068
M B A	43,040,748	40,696,127
M C A	12,244,763	12,137,400
M Tech	5,176,500	4,940,525
PHD	63,000	72,000
TOTAL	228,756,318	231,164,120

4 Charges for Special Facilities & Other Income :

Particulars	2020-21	2019-20
Sports, Games & Other cultural Activities	938,400	991,390
Fitness Centre Users Fee	-	265,000
Management Students Development Fund - MBA	4,344,525	277,855
Placement & Training Fees	3,471,700	3,792,050
Consultancy Charges Received	93,600	442,419
Administrative Charges	91,110	454,160
Fines	116,797	933,745
Income From Sale Of Scrap	262,072	112,089
Other value added courses & special facilities	18,906,025	21,724,217
Other Receipts	119,111	1,463,112
Store Income	18,954	534,475
TOTAL	28,962,293	30,980,511

Capital Fund of Rs.10,95,03,026 is inclusive of fund transferred from FBOA Rs.53,11,216.50/- during FY 2006-07.



FBOA Educational Society, Aluva
(Reg. No. ER 1091/2000)
Consolidated accounts of the Society incorporating the accounts of
Federal Institute Of Science And Technology (FISAT)
BALANCE SHEET AS AT 30-09-2021 (Provisional)

LIABILITIES	RS	RS	ASSETS	RS	RS
Capital Fund		109,503,026	FIXED ASSETS:		
Membership Fee		13,824,300	<i>(As Per FA Schedule)</i>		656,412,674
Development Reserve		247,500,000			
Endowment Reserve		25,000,000	Deposits and Advances:		
Welfare Reserve		50,000,000	Fixed Deposits with bank	100,000	
Endowment Fund		802,330	Term Deposit with Canara Bank		
Store Fund		4,137,522	charged With MGU-3L	836,583	
Income and Expenditure A/C			Security Deposits	1,159,722	
Opening Balance	56,658,054		Endowment Funds held under FD	802,330	
Add:Current year Additions	<u>1,020,903</u>	57,678,957	Other deposits & advances		
			<i>(As Per List)</i>	<u>3,742,184</u>	6,640,819
Loans & Borrowings:			Current Assets:		
Federal bank Term Loan	50,443,607		Income Tax(TDS) Receivable	479,917	
Federal bank MSME COVID TL	16,298,197		Fees Receivable	2,780,585	
Federal bank Term Loan (Lapto)	818,433		Other Receivables <i>(As per List)</i>	<u>1,070,483</u>	4,330,985
Federal bank ODCC	<u>12,761,028</u>	80,321,265			
Deposits & Advances:			Cash & Bank Balances:		
Caution Deposit	24,903,304		Cash in hand	100,761	
Refundable Deposit	35,892,825		<i>with Banks:</i>		
Other Deposits& Advances			Federal Bank Ltd	5,978,614	
<i>(As per List)</i>	10,937,631	71,733,760	State Bank Of India	<u>721,196</u>	6,800,571
Outstanding Liabilities:					
Advance Fees	3,421,159				
Other Payables <i>(As per List)</i>	<u>10,262,731</u>	13,683,890			
TOTAL		<u><u>674,185,050</u></u>	TOTAL		<u><u>674,185,050</u></u>

For FBOA Educational Society

President: Aneesh kumar R

Secretary: Anitha P

Treasurer: Sachin Jacob Paul



FBOA Educational Society, Aluva
(Reg. No. ER 1091/2000)
Consolidated accounts of the Society incorporating the accounts of
Federal Institute Of Science And Technology (FISAT)
INCOME & EXPENDITURE ACCOUNT FOR 1st APRIL 2021 To 30 th SEPT 2021 (Provisional)

EXPENDITURE	RS	INCOME	RS
Employee Benefit Expenses(As per List)	94,139,846	Application Fee	954,481
Scholarships	3,000	College Admission Fee	92,375
Conveyance Charges(As per List)	1,281,676	Tuition Fee (As per List)	72,334,226
House Keeping/Security Charges	2,015,650	Special Fee	20,461,590
Affiliation & related fees	2,916,969	Conveyance Charges	315,637
Workshop/Lab Consumables	3,315	Hostel Admission Fee	390,135
Consultancy & Legal Charges	289,967	Rent & Establishment	198,726
Welfare & Training Programmes,Seminars for Students & Staff	390,109	Affiliation & Other Fees	5,376,655
Placement and Training Charges	799,695	Consumables & Stationery Charges	461,500
Internet Charges	485,691	Charges for Special Facilities & Other Income	12,914,038
Fuel for Generator	108,156	Interest	62,285
Electricity Charges	1,748,750	Agricultural Income	91,197
Interest and Bank Charges	4,148,314	Placement and Training Charges	1,499,025
Insurance Charges	1,094,565		
Rates & Taxes	324,156		
Journals & Periodicals	953,160		
Advertisement & Promotional Expenses	1,127,224		
Printing & Stationery	205,377		
Postage & Couriers	12,112		
Telephone Charges	320,838		
Office & General Expenses	405,027		
Honorarium Payments	127,000		
Travelling Expense	56,834		
Agricultural Expense	98,090		
Repairs & Maintenance	960,446		
Charity & Donations	115,000		
Balance of income over expenditure c/f to B/S	1,020,903		
TOTAL	<u>115,151,870</u>	TOTAL	<u>115,151,870.00</u>

For FBOA Educational Society

President: Aneesh kumar R

Secretary: Anitha P

Treasurer: Sachin Jacob Paul



Lists forming part of Financial Statements Apr - Sept 2021

1 Employee Benefit Expenses:

Particulars	Apr - Sept 2021
Festival & Special Allowances	448,500
Academic and Research Allowance	-
Stipend To Trainee Staff	-
Salary For Teaching & Non Teaching Staffs	90,025,757
Contribution Employees Provident Fund(EPF)	285,838
Contribution Employees State Insurance(ESI)	189,100
Gratuity Payments	670,519
Contribution To Pension Fund	2,530,664
FISAT Personal Accident Group Insurance&Super AWS	10,532
TOTAL	94,139,846

2 Conveyance Charges:

Particulars	Apr - Sept 2021
College Bus Expense	498,679
Vehicle Insurance	269,568
Conveyance Reimbursement	-
Vehicle Maintenance	103,565
Diesel / Petrol For Vehicles	409,864
TOTAL	1,281,676

3 Tuition Fees:

Particulars	Apr - Sept 2021
B Tech	59,252,640
M B A	10,679,198
M C A	2,001,688
M Tech	364,700
PHD	36,000
TOTAL	72,334,226

4 Charges for Special Facilities & Other Income :

Particulars	Apr - Sept 2021
Sports ,Games & Other cultural Activities	772,100
Insurance premium	88,799
Management Students Development Fund - MBA	1,971,325
Other Receipts	10,360
Consultancy Charges Received	11,450
Administrative Charges	22,000
Fines	35,665
Book bank	22,234
Other value added courses & special facilities	9,980,105
TOTAL	12,914,038

5 Other deposits & advances(Asset):

Particulars	Apr - Sept 2021
Advance Staff	972,264
Princy Travels	888,709
G S Electrical Consultants	315,957
Advance(Others)	160,000
Advance Laptop	1,405,254
TOTAL	3,742,184

6 Other Receivables:

Particulars	Apr - Sept 2021
Rent Receivable	72,000
Staff Parents Mediclaim Insurance	493,956
Staff Mediclaim Insurance	504,527
TOTAL	1,070,483

7 Other Deposits & Advances(Liability):

Particulars	Apr - Sept 2021
Hostel Security Deposit	3,299,468
Bus Deposit	1,434,447
Book Bank Deposit	1,327,410
Fitness Centre Deposit	29,400
Security Deposits	300,000
Hostel Mess Advance	1,344,723
Retention Money	3202183
TOTAL	10,937,631

8 Other Payables:

Particulars	Apr - Sept 2021
Statutory Remittances	1,051,983
Alumini Fund Account	2,646,973
Contribution To Pension Fund Payable	2,688,341
PTA Fund Account	2,703,614
Tomy Joseph	715,329
Ottotractors (Consultants)	17,700
LIC of India(Staff Life Insurance Payable)	230,521
Eklavya Project	59,470
Stipend SC/ST/OEC Students	105,900
Staff Welfare Fund	42,900
TOTAL	10,262,731

9 Fixed Assets

Particulars	Apr - Sept 2021
Buildings	339,251,286
Vehicles	9,712,165
BIOGAS PLANT	240,140
CENTRE FOR AUTOMATIVE AND ALLIED RESEARCH LAB	41,042
COMPUTER AND SOFTWARE	5,736,330
ELECTRICAL EQUIPMENTS & FITTINGS	18,039,075
FAB LAB	6,365,123
FIRE FIGHTING EQUIPMENTS	2,787,560
FORIEGN LANGUAGE LAB	23,599
FURNITURE AND FITTINGS	50,322,138
KITCHEN EQUIPMENTS	550,401
LAB EQUIPMENTS	13,960,453
LAND	93,692,223
LAND DEVELOPMENT	11,116,960
LIBRARY BOOKS	7,404,184
MOBILE FAB LAB	157,678
MULTI MEDIA CENTRE	1,106,115
NEW WATER WELL	566,078
OFFICE EQUIPMENTS	515,598
PRINTERS AND UPS	2,849,035
ROADS/BRIDGES/SHELTERS	8,376,278
SEWAGE TREATMENT PLANT	1,722,880
SOLAR POWER PLANT	1,179,319
SPORTS COURTS	1,096,286
SPORTS GROUND	14,181,200
SPORTS/HEALTH / RECREATION EQUIPMENTS	2,279,300
BARACH COLLEGE A/C	63,140,228
TOTAL	656,412,674

9 Bank Balance

Particulars	Apr - Sept 2021
Federal Bank, HNR, Current A/C No.17140200000227	1,795,456
Federal Bank, Hormis Nagar SB A/C-17140100001036	775,750
Federal Bank, Hormis Nagar SB A/C-17140100001044 (ESH)	3,299,697
Federal Bank, MKR SB A/C 10842 (ESM)	58,488
Federal Bank, MKR SB A/C 11359	49,223
TOTAL	5,978,614



NOTES



NOTES



**A UV Sanitizing Unit designed and developed
by our Students & Faculty and installed at Taluk Hospital, Angamaly**



Inauguration of the SEVAFARM APP developed by our students



Inauguration of the distribution of the annual gift by FSWRF



Regd. Office

Federal Bank Officers' Association Educational Society

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