



NOORUL ISLAM CENTRE FOR HIGHER EDUCATION

(Deemed to be University under section 3 of the UGC Act 1956)

Accredited by NAAC with "A" Grade

Kumaracoll-629 180, Thuckalay, Kanyakumari District, Tamil Nadu, India



ANNUAL REPORT 2018-2019

OUR VISION

To be recognized by the Government and society at large as an institution able to deliver excellence with relevance in the field of higher education and research focusing on the needs of the nation in tune with the technological revolution to cope up with the knowledge explosion and global competence.

OUR MISSION

To develop the Institution as a centre of excellence, keeping pace with advances in the field, so as to provide quality higher education to the students and instill in them high enlightened individuals in the frontier areas of science and Technology.

OUR QUALITY POLICY

We offer value added professional education and promote intensive and innovative research with emphasis on a continual improvement in all our service.

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INTRODUCTION

Noorul Islam Centre for Higher Education (NICHE) was started in 1989 as an Engineering College with two Departments and eighty students. In 2006 considering its research potential Anna University, Chennai has recognized Mechanical, EEE, Management and Mathematics departments as Research Centers.

On 8th December 2008 NICHE was declared as a Deemed to be University by MHRD, Government of India. NICHE achieved the feat of obtaining „A“ Grade in NAAC assessment with a CGPA of 3.06 in 2015. In 2016 National Institutional Ranking Frame Work (NIRF) has awarded 75th rank in the University stream and 66th rank among Engineering Institutions.

In 2016 NIRF ranking NICHE was placed in 150 -- 200 rank among Universities. The NBA- AICTE has accredited all the eligible courses till 2010. NICHE is an ISO 9001:2000 certified Institution, Ministry of Science and Technology has approved NICHE as a Scientific and Industrial Research Organization (SIRO) in 2008 and the same has been renewed upto 31.2.2021.

NICHE was selected as the best University for educational and social commitments in rural areas by the Planning Commission in India and ASSOCHAM India in 2014, Faculty of Management Studies of NICHE has been declared as the best, B School in the Southern States of India. IBM has recognized the institution as a centre of excellence. Under the student satellite programme, NICHE has developed and launched NIUSAT on 23rd June 2017 from Sriharikota through PSLV-38 with the help of ISRO, and the same has been functioning successfully and maintaining communication with the ground station.

NICHE is a current member of the International Association of Universities (IAU) and Association of Indian Universities (AIU). It is also a member of the National Academic Depository (NAD) and a member of the National Digital Library.(NDL).

Our Pro-Chancellor Shri. M.S. Faizal Khan was one among the four participants and only one from India to speak on “Second Sustainable Energy for All Forum” in the United Nations Head Quarters in New York, USA on 18-21 May 2015 and shared his experiences in setting up the Asia’s first Green Cardiac

Catheterization labs at NIMS Medicity powered by a hybrid in-house power project comprising of 220 KW solar power plant and vertical wind turbine.

NICHE has ten faculties, 22 departments offering 23 UG programmes, 20 PG programmes, 8 M. Phil Programmes in Engineering, Arts and Science, Management and Health Sciences and Ph.D. Programmes in all the disciplines. When it was a college, its students have bagged as many as 34 University ranks including 14 First ranks, 10 Second ranks and 10 Third ranks in the composite Anna University Chennai, apart from achieving more than 90% results in all disciplines during the five years 2005-2009. In 2006 - 2007. NICE had many firsts to its credits. To cite a few, NICE was the First Private Engineering College in South India to get Internet Connectivity via Satellite Link through National Informatics Center (NIC), Government of India in 1998. First Private Engineering College in South India with Multi-Point Video Conferencing Facility. NICHE students from our campus interacted with Dr. A.P.J. Abdul Kalam who was at Anna University Campus, Chennai, at that time. Later in 2010 he visited our campus and interacted with our students. Having established as a high-quality technical education provider over two decades and in its quest for more academic freedom and flexibility.

NICHE stood first among 226 Engineering Colleges in the centralized placements organized by Anna University Chennai. Further NICE was ranked as 19th among 226 affiliated Engineering Colleges of Anna University, Chennai.

The infrastructural facilities of Noorul Islam Centre for Higher Education (NICHE) include a vast expanse of land of 47 acres, about 5 lakh sq.ft. of RCC built-up area, 13 Blocks of student hostels (9 for Gents and 4 for Ladies) 4 Canteens, 1 Gymnasium, Sports facilities like Foot-Ball/Cricket ground, Basket Ball/Volley Ball Courts, etc., 1000 Computers and internet connectivity (ISDN&VSAT) anywhere, anytime inside the university premises. The campus has been connected with 1 GBPS National Knowledge Network (NKN) connectivity under the National Mission on Education, Government of India. NICHE campus and Hostels premises are *Wi-Fi* enabled.

. Three Departments of NICHE are regularly bringing out three journals of international repute. NICHE has entered into MoUs with 31 leading universities several industrial organizations. IBM - recognized our University as a centre for software excellence, Infosys - for Campus Connect Programme, Tata Consultancy

Services (TCS) - for add-on training, Information Communication Technology Academy of Tamil Nadu (ICTACT) - for skill development.

Our Honorable Pro-Chancellor **Mr. M.S. Faizal Khan** has been nominated as a member of the First Court of Maulana Azad National Urdu University, Hyderabad by the Honorable President of India Dr. RamNath Kovind with effect from August 2018.

On 20.9.2018 our Honorable Chancellor Dr. A.P. Majeed Khan inaugurated a State level Inter University Basket Ball tournament for men and women sponsored by the Sports Development Authority of Tamil Nadu.

On 21.6.2018 International Yoga Day was observed in the Hill Top Auditorium. A Workshop was organized on 12.7.2018 on the theme of I transform India will transform in the A/c Auditorium. Green India Mission to plant one lakh trees was inaugurated on 10.7.2018 in the Campus by our Honorable Chancellor.

Memorandum of understandings (MOUs) were signed with Alagappa University on 23.5.2018, DMI St. John the Baptist University Malawi Central Africa on 20.7.2018 and with AMET deemed to be University, Chennai on 29-10-.2018.

A letter of Intent (LOI) was signed to do academic research with National University, Sudan by NICHE and Noorul Islam Institute of Medical Science and Research, Kerala on 29.6.2018. A Memorandum of Understating was signed with M/S. CASA BLANKA SHIPPING PVT. LTD on 14th May 2019 where by ensuing sponsorship and on board training to the B.E. Marine students. A letter of Intent (LOI) was signed to do academic research with National University, Sudan and Noorul Islam Institute of Medical Science and Research, Kerala, on 30-6-2018.

On 27th August 2018 Department of Nanotechnology has been sanctioned a sum of Rs.77 lakhs for DST FIST Level Programme and XRD D2 Phaser has been procured and installed in the Nano-characterization lab during April 2019.

Mr. Paulwin Selvam Manoharan a student of S7 Bio Medical Sciences and Technology Department has won the silver Medal in the All India Design Competition 2018 conducted by the National Design Research Forum of the Institutions of Engineers in the Electronics and Telecommunications Engineers Discipline.

Our honourable vice-chancellor Dr. R. Perumalsamy has also attended the AIU Annual Meeting held in SIKSHA „O“ ANUSHANDHAN deemed university, Bhubaneswar on 16-18th February 2019.

A Cloud Computing Lab with 3 production servers with 48TB storage was inaugurated on 6.9.2018 at a cost of Rs.50 lakhs by the Honorable Chancellor Dr. A.P. Majeed Khan, Its client mechanics are connected with the Cloud Hub through OFC at 1 Gigabyte per second speed. NICHE is the first VM Ware certified IT Company in Tamil Nadu and has received Microsoft Manganic License for cloud access. A Humaniod robotic lab setup at a cost of Rs.8 lakhs was also inaugurated on the same day. Women Empowerment programme was organized on 15.9.2018 and World Environment Day was observed on 5th June 2018.

The 8th Convocation of NICHE was held on 30.11.2018. Dr. Mrs. Pankaj Mittal, Additional Secretary, UGC was the Chief Guest and delivered the Convocation address in which she had offered solutions to solve the Pentagon Puzzle. In this 8th Convocation 362 UG, 172 PG, 54 M. Phil. and 54 Ph. D degrees were awarded to a total of 642 graduates.

On 20.3.2018 in its 530th Meeting of the UGC vide item 2.18, the UGC has resolved that from 2018 onwards the highest grade offered for the purpose of UGC (Institutions deemed to be University) Regulations 2016 be considered as NAAC CGPA 3.26. For all the cases prior to 2018, NAAC CGPA of 3.01 will be considered as the highest grade. NAAC has awarded NICHE a CGPA of 3.06 on 16th November 2015 valid for five years. Hence till 15th November 2020. NICHE will be considered as the highest graded University.

NICHE was invited under by India-Israel Space – Tech Leadership programme “75 students satellites mission 2022” to interact with Israel diaspora and institutions for collaboration with ITCA. Dr. A. Shajin Nargunam participated in this initiative from 10-2-2019 to 14-2-2019 in Israel.

SWAYAM – NPTEL MOOC courses have been gaining popularly in NICHE campus, this year 234 faculty members and 574 students have registered for the same.

As on 1-6-2019 Scopus research publications are 1600 other publications are 1816 making the total publications as 3416. The Citation Index is 5575. The „h“ index is 33. As of now, three research projects are in operation are funded to the tune of Rs.113.97 Lakhs by various funding agencies. As on date 43 patents have been filed and 7 patents were awarded and 19 were examined and 17 applications were pending.

The quality of the faculty and the student/faculty ratio are the key determinants of the standard of education. NICHE is endowed with 276 highly qualified, experienced and devoted faculty members. Of these, 136 are doctoral degree holders, and 45 are pursuing their Ph.D. As on date, the student/faculty ratio of the university is 8.63 by admitted students.

The teaching-learning process is supplemented by intensive research. The Ph.D. Programme of NICHE is offered in strict compliance with the UGC Regulations. During the year, 88 Ph.D. Scholars including two internal faculty members and 20 full-time scholars have been admitted this academic year. Of these, 17 full-time scholars admitted are paid monthly stipend by NICHE. Four scholars are recipients of Moulana Abul Kalam Azad National Fellowship and three scholars are getting INSPIRE Fellowship, and one scholar is getting SRF from CSIR.

Post-Doctoral Fellowship was offered to our faculty member Dr. N. Mansoor Ani Najeeb of Bio medical Sciences and Technology by the Haverford College, Pennsylvania, USA. Outstanding Reviewer Awards have been given by Elsevier to Dr. G. M. Joselin Herbert, Dr. M. Dev Anand, Dr. S. Balamurugan and Dr. R. Ganapathi Raman.

On 5-3-2019 Innovation cell has organized a competition. On 26-3-2019 Annual Sports day was celebrated. Pooled Campus placements were organized on 16-4-2019, 20-5-2019, 21-5-2019, 23-5-2019 and 25-5-2019.

International Conference on the Frontiers in Analytical and Clinical Techniques was organized (INFACT), in NICHE, on January 24th-25th 2019 by the Department of Nanotechnology.

An International conference on Emerging Trends in Mathematical, Physical and Chemical Sciences was organized by the Department of Chemistry on 22-2-2019.

One day National Seminar on Computational Fluid Dynamics for Aerospace Applications was organized on 19-3-2019 in association with the Aeronautical Society of India

AUBURN 2K19 was conducted by the Fire Technology and Safety Engineering Department on 27- 28th May 2019 in association with the Safety Association of fire Engineers.

National level Technical Symposium TENOVA2K19 was conducted by the Department of Computer Science and Engineering on 28-3-2019.

The Department of English has conducted a National level Conference on New Trends in English Language and Literature (NACTELL - 2019) on 29-3-2019.

An One Day National Seminar on Automotive Mechanics and Aerodynamics of Road Vehicles was conducted on 2nd April 2019 by the Automobile Engineering Department.

A national conference on Innovative Computing Science & Engineering" (NCICSE"19) was organized by the Department of Computer Science and Engineering on 2-4-2019.

A National Conference on Automobile system – Future of Engineering GACTICZ 2K19 was conducted by the Department of Aerospace Engineering on 3-4-2019.

Fourth National Conference on Recent Advances in Engineering, Science & Technology was conducted on 4-4-2019 by the Department of Biomedical Sciences and Technology.

A National Level Symposium "SENSONICS"19" was conducted by the Electronics and Instrumentation Engineering department on 9-4-2019.

The Information Technology Department has conducted an International Conference ICNIS2019 on 10th and 11th April 2019.

One day International conference on "Recent Advances in Engineering and Technology ICRAET 2K19" was conducted by the Department of Mechanical Engineering on 12th April 2019.

One day International Conference ICRIESH 19 was conducted by the Department of civil Engineering on 26-4-2019.

On your behalf as a continuation of our efforts under 75 students satellite mission by 2022 under Indo Isreal Space Tech. Leadership programme. Our honorable

vice-chancellor Dr. R. Perumalsamy has visited the Isreal at the invitation of MAZ Investments Limited to explore the opportunities to design and develop small satellites with the experts from Israel Academicians and Industries from 27 – 29th May 2019 and signed an MOU with them.

NICHE has a good placement record in the academic year 2018-19 also. During the year 42 Companies visited NICHE and 902 students attended placement interviews and 132 students were placed with an average salary of Rs. 1.8 lakhs per annum plus other benefits and the offer per eligible student was 1.5 As a part of corporate social responsibility, NICHE has also placed 473 outside students from other colleges.

Two Faculty Members have passed NET/SET Examinations, and Certificate Course in Career Life Skills was offered to 194 students.

These are the various achievements of Noorul Islam Centre for Higher Education during the academic year 2018-19.

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8. Mr.N. Babith Moses Wilby,
Biomedical Engineer, NIMS,

CIVIL ENGINEERING

1. Prof.J.Prakash Arul Jose,
Professor & HOD
Civil Engineering, NICHE.
2. Dr. V. Narayanan Nair,
Professor, Dean School of
Civil Engineering, NICHE.
3. Mr. D. Allwin,
Assistant Professor,
Civil Engineering, NICHE.
4. Ms. J. Shalini,
Assistant Professor,
Civil Engineering, NICHE.
5. Ms. Alex Dorwina,

Asst. Professor,
Civil Engineering, NICHE.

6. Mr.R.Muthu Uthayan,
Assistant Professor,
Civil Engineering, NICHE
7. Dr.Rajesh Prasanna,
Professor,
Civil Engineering, NICHE
8. Dr.Kandasamy
PABCET, Trichy
(Former Director of Remote Sensing,
Anna University, Chennai.

MARINE ENGINEERING

1. Prof. S. John Leon
HOD, Marine Engineering.
2. Prof. S. Mohan Das,
Director, Marine Engineering.
3. Prof.R. Venugopala Pillai,
Professor, Marine Engineering.
4. Prof. J. Jesin Jude Leonard,
Assistant Professor, Marine Engineering.
5. Dr. V.K. Jebasingh,
Assistant Professor, Marine Engineering.
6. Dr.K.S. Jai Aultrin,
Assistant Professor, Marine Engineering.

COMPUTER SCIENCE AND ENGINEERING

1. Dr. Julia Punitha Malar Dhas,
Professor & HOD, CSE.
2. Dr. A. Shajin Nargunam,
Dean, Faculty of Information
and computer Engineering.
3. Dr. J. Amar Pratap Singh,
Director, Computing Centre.
4. Ms.Sinciya P.O,
Assistant Professor, CSE.
5. Dr. J.E. Judith,
Assistant Professor, CSE.

6. Dr. R. Suji Pramila,
Assistant Professor, CSE.
7. Mrs.Venifa Mini.G
Assistant Professor, CSE
8. Dr.S.Savithri,
Senior Principal Scientist,
Computational Modelling & Simulation Group,
CSIR- National Institute for Interdisciplinary Science & Technology,
Pappanamcode Industrial Estate P.O.,
Thiruvananthapuram 695 019.
9. Dr. R.S. Rajesh,
Professor and Head, Department of CSE,
M.S. University, Titunelveli.

ELECTRICAL AND ELECTRONICS ENGINEERING

1. Dr. J. Arul Linsely,
HOD, EEE.
2. Prof.F.Shamila,
Associate Professor, EEE
3. Dr. P. Sujatha Therese,
Associate Professor, EEE.
4. Dr. D. Mary Synthia Regis Prabha,
Associate Professor, EEE.
5. Dr. M.P. Flower Queen,
Assistant Professor, EEE.
6. Dr. H. Vennila,
Assistant Professor, EEE.
7. Dr.I.Jacob Raglend,
Professor,
SELECT, VIT, Vellore
8. Mr.P.Sylvestor,
Assistant Executive Engineer
Special Maintenance, TANGEDCO,
Moolachel, Thuckalay

ELECTRONICS AND COMMUNICATION ENGINEERING

1. Dr. R.S. Vinod Kumar,
Associate Professor, ECE.
2. Dr. N. Santhi,
Associate Professor, ECE.

3. Dr.S.Amala Shanthy,
Associate Professor, ECE
4. Prof. G. Arockia Selva Saroja,
Associate Professor, ECE.
5. Dr.G.Arockia Selva Saroja,
Associate Professor, ECE
6. Dr.M.Mary Synthuja Jain Preetha
Assistant Professor, ECE
7. Prof.T.Gopalakrishnan
Assistant Professor, ECE
8. Dr.K.Hariharan
Associate Professor
Dept. ECE
Thagarajar College of Engineering, Madurai

ELECTRICAL AND ELECTRONICS ENGINEERING

1. Dr. J. Arul Linsely,
HOD, EEE.
2. Prof.F.Shamila,
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3. Dr. P. Sujatha Therese,
Associate Professor, EEE.
4. Dr. D. Mary Synthia Regis Prabha,
Associate Professor, EEE.
5. Dr. M.P. Flower Queen,
Assistant Professor, EEE.
6. Dr. H. Vennila,
Assistant Professor, EEE.
7. Dr.I.Jacob Raglend,
Professor,
SELECT, VIT, Vellore
8. Mr.P.Sylvestor,
Assistant Executive Engineer
Special Maintenance, TANGEDCO,
Moolachel, Thuckalay

ELECTRONICS AND INSTRUMENTATION ENGINEERING

1. Dr. S.S. Kumar,
Associate Professor, EIE.

2. Dr.R.S.Vinod Kumar
Professor & Dean, EIE
3. Dr.V.Amsaveni,
Associate Professor, EIE
4. Dr.D.Menaka,
Associate Professor, EIE
5. Prof.R.Manju,
Assistant Professor
6. Prof.R.Sarath,
Assistant Professor, EIE.
7. Dr.G.Glan Devadhas,
Professor, EIE Department,
Vimal Jyothi Engineering College
Chemperi Post, Kannur
8. Mr.S.Ashok,
Deputy Manager, C&I/Electrical
Doosan Power Systems India Pvt. Ltd
18/2 Senneerkuppam Bye-pass Road, Poonamalle, Chennai-56

INFORMATION TECHNOLOGY

1. Dr. R. Mathusoothana S. Kumar,
HOD, Information Technology.
2. Dr. A.Shajin Nargunam,
Dean, Faculty of Computer &
Information.
3. Prof. A.R. Subramoniya Iyer,
Associate Professor, Information Technology.
4. Dr. S. Maris Celestin Vigila,
Associate Professor, Information Technology.
5. Prof. N. Sugitha,
Associate Professor, Information Technology.
6. Ms.Y.Jeyasheela
Assistant Professor, Information Technology.
7. Dr.T.Brindha,
Assistant Professor, Information Technology

8. Dr.P.Yogesh,
Associate Professor,
Dept. of Information Science & Technology
Anna University, Chennai - 600 025
9. Mr.C.Balan,
Joint Director, Centre for Development of Advanced Computing (C-DAC)
Vellayambalam,
Thiruvananthapuram - 695 033

MANAGEMENT STUDIES

1. Dr.V.Sreedevi
Professor & HOD, MBA
2. Dr. K. A. Janardhanan,
Director, HRM.
3. Dr.M. Sivathanu Pillai
Professor, MBA
4. Dr.M.Wilson,
Professor, MBA
5. Dr.Merlin Thanga Joy
Associate Professor, MBA
6. Dr. R. Radhika,
Associate Professor, MBA.
7. Dr.V.P.Velmurugan,
Assistant Professor, MBA
8. Dr.M.C.Shibin Tad,
Assistant Professor, MBA
9. .K. Sreeranganathan
Director, School of Management and Business Studies,
M.G. University, Kottayam.
10. Dr.C. Samudhrs Rajakumar,
Professor, Department of Business Administration,
Annamalai University,
Chidambaram.

COMPUTER APPLICATIONS

1. Dr.J.R. Jeba,
Associate Prof, HOD.
2. Dr.A. Shajin Nargunam,
Dean- Faculty of Information &
Communication Engineering.
3. Dr. M.K. Jeya Kumar,
Dean- Faculty of Computer
Science.
4. Dr.M.Victor Jose,
Associate Professor, MCA.
5. Prof. S. Beulah,
Associate Professor, MCA.
6. Prof. U. Kumaran,
Assistant Professor, MCA.
7. Dr. A.C. Subhajini,
Assistant Professor, MCA.
8. Dr. S.P. Victor
Associate Professor & HOD
Department of Computer Science,
Director of Research Centre,
St. Xavier's College, (Autonomus)
Palayamkottai - 627 002.
9. Dr.S.Savithri,
Senior Principal Scientist,
Computational Modelling & Simulation Group,
CSIR- National Institute for Interdisciplinary Science & Technology,
Pappanamcode Industrial Estate P.O.,
Thiruvananthapuram 695 019.

MECHANICAL ENGINEERING

1. Dr.N.Abilash,
Professor, HOD,
Mechanical Engineering.
2. Dr.N. Chandrashekhar,
Pro Vice-Chancellor.
3. Dr.M. Dev Anand,
Director Research.
4. Dr.G.M. Joselin Herbert,
Professor,

Mechanical Engineering.

5. Dr.N.Ramasamy
Associate Professor,
Mechanical Engineering
6. Dr.Rajesh,
Associate Professor,
Department of Mechanical Engineering.
7. Prof. S. Raja,
Assistant Professor,
Mechanical Engineering.
8. Mr. P. Jerold Jose,
Assistant Professor,
Mechanical Engineering.
9. Dr.N. Jawahar,
Dean - Research and Development,
Thiagarajar College of Engineering,
Madurai.
10. Dr.M. Herbert Raj,
Refrigerant Expert
Danfoss Refrigerant and A.C. Control Division,
Chennai.

SOFTWARE ENGINEERING

1. Mr. J.P. Jayan,
HOD, Software Engineering.
2. Dr.C. Ratnam Nadar,
Director - Students Welfare.
3. Prof. J. Charles,
Director Students Affaires.
4. Dr.M.K. Jeya Kumar,
Dean- School of Computer Science.
5. Mr. V.G. Ranjith,
Assistant Professor,
Software Engineering.
6. Mr. C.R. Sheela Kumari,
Assistant Professor,
Software Engineering.
7. Mr. S. Jerine,
Assistant Professor,

Software Engineering.

8. Dr. R.S. Rajesh,
Professor & HOD,
Department of CSE,
Manonmanian Sundaranar University,
Tirunelveli - 627 012.
9. Mr.K.Mohammed Irfan,
Assistant System Engineer,
TCS, Think Campus, Electronic city - Phase II,
Bangalore - 560 066

NANO TECHNOLOGY

1. Dr. Praseetha P.K,
Associate Professor,
HOD, Nano.
2. Dr.P.Nagendra Prasad,
Dean, Faculty of Technology
3. Dr. Balamurugan S,
Associate Professor, Nano.
4. Dr.Jebashiney.O,
Associate Professor, Nano
5. Dr.M.Prabu,
Assitant Professor, Nano

ENGLISH

1. Mr. A. Khaleel Rahuman,
HOD, English.
2. Dr. B. Krishnan,
Director, Admission, Humanities and I year B.E./
B.Tech Programs.
3. Dr. M. Ilankumaran,
First Year Co-ordinator.
4. Dr. M. Immaculate Mary,
Dean, Science and
Humanities.
5. Dr. M. L. Narayanan,
Director, Grievance Cell.
6. Dr. R. Abilasha,

Assistant Professor, English.

7. Ms. V.S. Bindhu,
Assistant Professor, English.
8. Dr.K. Balasubramanian,
Former Professor of English,
V.V. College of Engineering,
V.V. Nagar, Arasoor, Thisaiyanvilai (Via),
Sathankulam Taluk,
Tuticorin Dist - 628 656.
9. Dr.S. Chellakumar Rose,
Dean, Academic Affairs
Annai Velankanni College of Engineering,
Alagappapuram Post,
Alagappapuram,
Kanyakumari District.

MATHEMATICS

1. Dr. M. Immaculate Mary,
Prof. & HOD, Mathematics.
2. Dr. C. Ratnam Nadar,
Dean, Students Welfare.
3. Dr. S. Ramachandran,
Professor, Mathematics.
4. Dr. P.B. Sarasija,
Professor, Mathematics.
5. Dr.T.M.Selvarajan,
Associate Professor,
Mathematics
6. Dr. K. Uma Samundesvari,
Assistant Professor,
Mathematics.
7. Dr. R. Binthiya,
Assistant Professor,
Mathematics.
8. Dr. P. Titus,
Assistant Professor, HOD, Mathematics,
University College of Engineering,
Nagercoil,
Konam - 629 004.

PHYSICS

1. Dr. B. Bindhu,
HOD, Physics.
2. Dr. M. Immaculate Mary,
Dean, Faculty of Science and
Humanities.
3. Dr. V.N. Meenadevi,
Associate Professor, Physics.
4. Dr. R. Ganapathi Raman,
Assistant Professor, Physics.
5. Mrs.Sagi Rani,
Assistant Professor, Physics
6. Dr.K. Iyakutti,
Professor of Physics,
S.R.M. University,
Chennai.
7. Dr.T.Rajasekhar,
Professor of Physics
Manonmaniam Sundaranar University, Tirunelveli.

CHEMISTRY

1. Dr. M. Sankaranayana Pillai
Professor & HOD, Chemistry
2. Dr. J. Joseph
Associate Professor, Chemistry
3. Dr. M. Immaculate Mary
Professor & HOD, Mathematics
4. Dr.E. Subramanian
Professor of Chemistry
M.S. University
Tirunelveli.
5. Dr.C. Vaithiyanathan
Professor and HOD, Chemistry
S.T. Hindu College
Nagercoil - 629 002

DEANS OF FACULTIES

Sl.No.	Faculty	Name of the Dean
1.	Dean - Faculty of Computer Science	Dr. M.K. Jeyakumar
2.	Dean - Faculty of computer & Information Engineering	Dr. A. Shajin Nargunam
3.	Dean - Faculty of Mechanical Engineering	Dr.M. Dev Anand
4.	Dean Faculty of Electrical & Electronics Engineering	Dr. R.S. Vinod Kumar
5.	Dean - Faculty of Civil Engineering	Dr. V. Narayana Nair
6.	Dean - Faculty of Science and Humanities	Dr. M. Immaculate Mary
7.	Dean- Faculty of Management Studies	Dr.K.A. Janardhanan
8.	Dean - Faculty of Aeronautical and Space Technology	Dr. R.C. Mehta
9.	Dean - Faculty of Technology	Dr.M. Murugan
10.	Dean - Faculty of Marine Engineering	Prof. S. Mohan Das

Officers of NICHE

1. Dr. A.P. Majeed Khan,
President, NICHE Society.
2. Shri. M.S. Faizal Khan,
Vice - President, NICHE Society.
3. Dr.R. Perumalsamy,
Vice- Chancellor.
4. Dr.N. Chandrashekhar,
Pro Vice-Chancellor.
5. Dr.P.Thirumalvalavan,
Registrar.
6. Dr.B. Krishnan,
Controller of examinations.

7. Dr. K. A. Janardhanan,
Director, HRM.
8. Dr.A. Shajin Nargunam,
Director, Academic Affairs.
9. Dr. M. Dev Anand,
Director, Research.
10. Prof. J. Charles,
Director, Students Affairs.
11. Prof. M. Sivathanu Pillai,
Director, Industry Institute Interaction.
12. Dr.M.L. Narayanan,
Director, Grievance Cell.
13. Dr.J. Amar Pratap Singh,
Director, Administration & Computing Centre.
14. Dr. R. Mathusoothana S. Kumar,
Director, Entrance Examination.
15. Dr.B. Krishnan,
Director, Admission & First Year B.E., B.Tech Programmes.
16. Dr. C. Retnam Nadar,
Dean, Students Welfare.
17. Mr. S. Mohana Das,
Director, Marine Engineering.
18. Dr. M.K. Jaya Kumar,
Additional Controller of Examinations.
19. Dr. M. Ilankumaran,
I Year Co-ordinator.
20. Dr.G. Ramadas,
PRO.

Departments of NICHE

Sl. No.	NameoftheDepartment	Courses Offered
1.	Aeronautical Engineering	B.E., Aeronautical Engg. M.E. Aeronautical Engg. Ph.D.
2.	AerospaceEngineering	B.E. AerospaceEngg. B.E. Aircraft MaintenanceEngg.
3.	AutomobileEngineering	B.E. AutomobileEngg., M.E Automobile Engineering., Ph.D.
4.	Biomedical Engineering	B.E.Biomedical Engg.
5.	Chemistry	M.Sc. Chemistry M.Phil., Chemistry, Ph.D.
6.	Civil Engineering	B.E. Civil Engg. M.E. Structural Engg. Ph.D.
7.	ComputerApplications	M.C.A., Ph.D.
8.	ComputerScience& Engineering	B.E. ComputerScience& Engg. M.E. ComputerScience&Engg. Ph.D.
9.	Electrical&Electronics Engineering	B.E. Electrical&Electronics Engg. M.E. Applied Electronics, Ph.D.
10.	Electronics&Communication Engineering	B.E. Electronics &Communication Engg. M.E. Communication Systems, Ph.D.
11.	Electronics&Instrumentation Engineering	B.E. Electronics &Instrumentation Engg. M.E., Control &Instrumentation ,Engg. Ph.D.
12.	English	M.A. English M.Phil., English, Ph.D.
13.	Information Technology	B.Tech.Information Technology M.E. SoftwareEngg. M.E. CyberSecurity., Ph.D.
14.	Management Studies	B.Com., BBA., M.B.A., M.B.A.-HRM M.Phil. Management , Ph.D.
15.	MarineEngineering	B.E. Marine Engg.
16.	Mathematics	M.Sc. Mathematics, M.Phil., Mathematics, Ph.D.
17.	Mechanical Engineering	B.E. Mechanical Engg., B.Tech. FireTechnologyand Safety., ME. Computer Integrated Manufacturing., M.E Thermal Engineering., Ph.D
18.	Nanotechnology	B.Tech. Nanotechnology., M.Tech. Nanotechnology., M.Phil., Biotechnology., Ph.D.

19.	Physics	M.Sc. Physics M.Phil., Physics, Ph.D.
20.	SoftwareEngineering	M.Sc. SoftwareEngg.(5years) M.Phil. ComputerScience., Ph.D.

**ANNUAL REPORT DATA FOR THE UNIVERSITY DEPARTMENTS FOR THE
ACADEMIC YEAR 2018 – 19 (FROM 1st JULY 2018 – 31st JUNE 2019)**

NAME OF THE DEPARTMENT: Aeronautical Engineering

1. Department Details :

Name of the School	Aeronautical Engineering
Name of the HOD, Phone No. and E-mail ID	Dr.T.AnnilKumar , 9843620199,annilkumartngl@gmail.com
Year of Establishment	2009
Telephone Number	-----
Website / E mail	-----

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualifi-cation	Designation	Specialisat ion	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Dr.R.C.Mehta	B.E.,M.S.,Phd	Prof & Dean	Aerodynam ics,CFD	8	40	9744114267 drakhab.mehta@gmail.com
2	Dr.T.Annil Kumar	B.E., M.Tech., Ph.D	ASP & HOD	Composites	18	8	9843620199 annilkumartngl@gmail.com
3	Dr.R.R.Neela Rajan	B.E., M.E., Ph.D	AP	Propulsion	15	6	6381697314 nelraj2012@gmail.com
4	Mr.K.Anton Savio Lewise	B.E., M.E., (Ph.D)	AP	Propulsion	9	3	8122846066 kaslewise@gmail.com
5	Mr.V.Antony Vincent	A.M.Ae.S.I., A.M.I.E., M.E., (Ph.D.)	AP	Aerodynam ics, Composites	11	3	9442711396 vantonyaero79@gmail.com
6	Mr.S.S.Pon Sudhir Sajan	B.E., M.E., (Ph.D)	AP	Composites	9	3	9566467411 Sssajanaero89@gmail.com
7	Mr.A.Anukuttan	B.E.,M.E	AP	Aerodynam ics	1	----	8098005966 anukuttan95@gmail.com
8	Ms.S.P.Sibithra	B.E.,M.E	AP	Vibration	2	----	9486856272 sibithrasp@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index	Publications	Citations	API	M.Phil. awarded	Ph.D. awarded	Cumulative Scholars
--------	------	---------	--------------	-----------	-----	-----------------	---------------	---------------------

		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1	Dr.R.C.Mehta	11		9		12									5
2	Dr.R.R.Neela Rajan	2		14		8						Yes			----
3	Mr.I.J.Rohith	1		11		2									----
4	Dr.T.Annil Kumar	1		1		25									---

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Nil					
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Mr.K.Anton Savio Lewise	International conference on emerging trends in mathematical, physical and chemical sciences.	A review on friction stir spot welding joints of dissimilar aluminium alloys	NICHE , 22 Feb 2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Mr.V.Ravi Shankar	Certified Pilot at Phonix aviation institute	USA	One day	Guest Lecture
2	Mr.M.S.Gopi Krishna	Flight Deck engineer , Esat Forbes	Canada	One day	Guest Lecture

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S.	Name of the	Role	Event	Title	Venue & Date
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No.	Faculty				
1	Nil				

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1	All faculty members	International Seminar On CFD for Aerospace applications organized by NICHE and “Aeronautical Society of India”	International	One day

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Year of Publication	Volume No. Issue No.	Page(pp)
1	R.C Mehta	Measured aerodynamic coefficients of without and with spiked body at Mach 6	Advances in Aircraft and Spacecraft Science	2019	6 & No.3	225-238
2	R.C Mehta	A comprehensive review to study the role of air conditioning and air flow improvements in small passenger vehicles	Journal of Advanced Research in Dynamical and Control Systems	2018.	10	140-148
3	R.C Mehta	An investigation of air flow and thermal comfort of modified conventional car cabin using computational fluid dynamics	Journal of Applied Fluid Mechanics,	2018.	11	141-150
4	R.C Mehta	Design and analysis of air flow depression for air-conditioning in small passenger cabin using solid	International Journal of Mechanical and Production Engineering Research and Development,.	2018	8	1079-1086

		works				
5	R.C Mehta	On the Analytical Solutions of the Oblique Shock Wave Equation	Sch. J. of Eng. and Technology,,	2018	6	No. 2,, 64-70.
6	Neela Rajan R.R	Buckling analysis of stiffened panels under Fuselage bending,	International Journal of Engineering and Technology.	2018	7	147-149
7	Neela Rajan R.R	Optimization of machining characteristics of hybrid composites using grey relational technique,	International Journal of Engineering and Technology.	2018	7	158-161
8	Neela Rajan R.R	An evaluation of stress intensity factor of fracture model for glass fiber epoxy resin composite	International Journal of Mechanical and Production Engineering Research and Development.	2018	Special issue.	156-161
9	Neela Rajan R.R	Wear characteristics of titanium carbides and MOS2 reinforced aluminium hybrid composites	International Journal of Mechanical and Production Engineering Research and Development	2018.	Special issue	117-1422
10	Neela Rajan R.R	Experimental Study on Change in Mechanical Characteristics of E-Glass Fibre Reinforced Epoxy Composite by Adding Carbon Nanotube Layers	Asian Journal of Chemistry, Vol. 31 (6), pp. 1251 – 1254.	2018	31(6)	1251-1254.
11	Dr.R.Ajith Raj	Microstructural evaluation and tensile characterization of electron beam welded dissimilar metal	International journal of mechanical Engineering and technology	2018	9 & Issue 3	519-528

		joints of copper and stainless steel 304				
12	Dr.R.Ajith Raj	A survey on future research about electron beam welding for aerospace applications	China Welding (English Edition)	2018	27 & No.1	60-64
13	Dr.R.Ajith Raj	Microstructural characterizations using SEM/EDAX and X-ray diffraction analysis on tig and electron beam welded dissimilar metal joints of copper and stainless steel 304	Journal of Advanced Research in Dynamical and Control Systems	2018	10 & Issue 8	345-351
14	Dr.R.Ajith Raj	Prediction and error analysis of tensile strength and micro hardness in electron beam welded copper and stainless steel 304 dissimilar metals joint using intelligent techniques	Journal of Advanced Research in Dynamical and Control Systems	2018	10 & No.8	328-334
15	Dr.R.Ajith Raj	Modeling and prediction of mechanical strength in Electron Beam Welded dissimilar metal joints of stainless steel 304 and Copper using Grey Relation Analysis	International Journal of Engineering and Technology(UAE)	2018	7 (3.6)	198-201
16	Dr.R.Ajith Raj	Development of safe flying protocol aided by	International Journal of Advance	2018	4& issue 6	250-256

		Artificial Intelligence	Research, Ideas and Innovations in Technology			
17	Rohith I.J	Development of safe flying protocol aided by Artificial Intelligence	International Journal of Advance Research, Ideas and Innovations in Technology	2018	4& issue 6	250-256

9. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch				
		F	M		O	C	BC	BCM		MBC/DNC		SC		SCA		ST	II		III		IV						
								M	F	M	F	M	F	M	F		M	F	M	F	M	F		M	F		
	UG Programme	2	17	19						1	0	0															81.81%
	PG Courses		2							0																	100%
	M.Phil. Programme																										
	Ph.D Programme																										
	Diploma Certificate Courses (if any)																										
	MOOC/NPTEL/UGC online courses offered																										
	Total			21																							

10. Details of patents applied/registered:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Rakhab C. Mehta and G. Natarajan	Numerical Investigation of Supersonic Exhaust Diffuser	Lambert Academic Publishing, Germany,	2018.

11. Publications of Books/Monographs:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
	Nil				

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E Aero	Indian	Kerala	10	01	11
2	M.E Aero	Indian	Kerala	01		01

13. P.G. and Research degrees awarded(2018-2019)

S. No	UG		P.G.		M. Phil.			Ph.D.				
	B.E	Total	M.E	Total		FT	PT	Total		FT	PT	Total
1		9		1							2	

14. Fellowships Awarded (National/International) Faculty/Students Stipend

awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Nil				
2					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)	Nil						
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.E Aero	21	12	19	12	15	7	15	8	19	10	19	9	12	7	12	9
2	M.E Aero	02	0	02	0	01	01	01	01								

17. Placement Details:

Name of the Placement co-ordinator: Mr.V.Antony Vincent			
Phone/Mobile Number :e-mail:9442711396 & vantonyaero79@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	Nil	
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:|

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.R.CMehta	“Certificate of Outstanding Contribution in Reviewing”	Elsevier, Amsterdam, The Netherlands (2018)

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Nil		

20. Department Meetings Held : BOS,Programme Committee, Course Committee etc.

S.No	Name	Date
1.	Course Committee	6-7-2018 & 9-9-2018 20-1-2019& 3-3-2019
	Programme Committee etc.	7-7-2018 & 11-9-2018 22-1-2019& 6-3-2019
	BOS	4-2-2019 17-05-2019

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	Aircraft Structures Lab	12inch diffused polariscope	1	Both
2		Ultrasonic flaw detector	1	Both

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Dr.R.R.Neela Rajan/ AP

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	953	7	No. of titles available	----
2	Books added during the year 2018-19	120	8	No. of CDs and Digital Books Available	5
3	No. of Indian Journals/Magazines	6	9	No. of Foreign Magazines/Journals	3
4	No. of data bases available	2	10	No. of Online Journals	7
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	Yes	12	Availability of Language Lab	
			13	NDL membership 1. Faculty members 2. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Projector	Epson	1
2	Smartclass room Projector	Epson	1
3	Speaker & Mike setup		

24.Collaborative Researches :Nil

25. Consultancies : Nil

26. No. of NET/SET/GATE/CSIR Qualified students: Nil

27. MOUs signed : Nil

28. Innovations and Best Practices : Nil

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Online Courses	SWAYAM	40	-----

30. others

SI.NO	Name	Title of the Program	Duration
1.	K.Anton Savio Lewise	Two Day Workshop on LaTeX	24-06-2019 to 25-06-2019

NAME OF THE DEPARTMENT:AEROSPACE ENGINEERING

1. Department Details :

Name of the School	Aerospace Engineering
Name of the HOD, Phone No. and E-mail ID	Prof. Chamanlal Ojha, +919497852738 chamanlal.ojha@gmail.com
Year of Establishment	2009
Telephone Number	-
Website / E mail	www.niuniv.com/departments/aerospace/index.html

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Prof.Chamanlal Ojha	B.Sc Engg(Aero) M.E(Aerospace)	Professor & HoD	Aerospace	9	37	chamanlal.ojha@gmail.com +919497852738
2	Dr. M.S.Aldrin Sugin	B.E. M.E, M.Phil, MBA, Ph.D	Associate Professor & HoD i/c	Aerospace	11	-	aldrin_sugin@Rediffmail.com 9894084608
3	Mr.S.Muthu Sherin	B.Tech, M.E, (Ph.D)	Assistant. Professor	Aeronautical	5	-	sherin@sify.com 9894562191
4	Mr.K.Samuel	B.E. M.E, (Ph.D)	Assistant. Professor	Avionics	5	-	sam.profl@gmail.com 8122228778
5	Dr.Karthikeyan.L.M	B.E. M.E, Ph.D	Assistant. Professor	Aeronautical	7	1	lmkarthikeyan@yahoo.in 9865547716
6	Ms.Ananthalakshmi	B.E. M.E.	Assistant. Professor	Aerospace	1	-	ananthalakshmisree@gmail.com 8301839522

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1	Dr.Aldrin Sugin	1	1	-	5	-	18	135	135	-	-	-	-	-	-

2	Mr.Muthusheri n	-	-	-	1	-	-	135	135	-	-	-	-	-	-
3	Mr.Samuel	-	-	-	3	-	-	135	135	-	-	-	-	-	-
4	Dr.L.M.Karthik eyan	-	2	-	16	-	7	135	135	-	-	-	-	-	-
5	Ms.Ananthalaks hmi	-	-	-	-	-	-	135	135	-	-	-	-	-	-

4.. Research Schemes/Projects undertaken :Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.Nil

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1				
2				

b) Foreign Faculty/Expert visit to the Department:Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. : Nil

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.L.M.Karthikeyan	Technical Committee Member	International Conference	2 nd International Conference on Micro Electronics and Telecommunication Engineering on 20 & 21 Sep 2018	SRM University, Delhi NCR Campus, Ghaziabad, UP

7. Details of Seminars, Conferences and Refresher courses Organised :Nil

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period

8. Publication of Research Papers at the State/National/International Levels:Nil

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)

9. Details of patents applied/registered:Nil

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs:Nil

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch		
		F	M		O	C	BC	BCM		MBC/DNC		SC		SCA		ST	II		III		IV				
								M	F	M	F	M	F	M	F		M	F	M	F	M	F		M	F
	UG Programme	3	9	12	1	-	8	3	-	-	-	-	-	-	-	-	-	-	4	4	5	5	3	5	62.5
	PG Courses																								
	M.Phil. Programme																								
	Ph.D Programme																								
	Diploma Certificate Courses (if any)																								
	MOOC/NPTEL/ UGC online courses offered																								
	Total																							49	

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E Aerospace Engineering	Indian	Kerala	6	2	8

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.				
		Total		Total		FT	PT	Total		FT	PT	Total
1	Male	07	Male	Nil	Male	Nil	Nil	Nil	Male	Nil	Nil	Nil
2	Female	07	Female	Nil	Female	Nil	Nil	Nil	Female	Nil	Nil	Nil

14. Fellowships Awarded (National/International) Faculty/Students Stipend

awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.E ASE	12	5	12	7	8	3	8	4	10	7	10	8	8	5	8	5

17. Placement Details:

Name of the Placement co-ordinator : K.Samuel			
Phone/Mobile Number : +918122228778		e-mail:sam.profl@gmail.com	
Number of Placement Programmes:1			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	2	5
2	Number of Placements obtained through Campus Interview	2	5
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	0.5	0.31

18. Outstanding achievements by the Faculty Members:Nil

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Students	Achievements	Agency
1	Lekshmi K Ravi Susan Ligor M Anishma Uday Nithya Krishnan	Participated in Flight“19 (Workshop)	Madras Institute of Technology Campus, Chennai
2	Lekshmi K Ravi Susan Ligor M Anishma Uday Nithya Krishnan	Participated in Internship Training	Jet Aerospace, Palakkad, Kerala
3	Deepanaselvamari S Aaron Raphel Raja	Completed Design Internship	Jet Wings Technologies
	Shreshama Sudarsan	Participated in Internship Training	Air India Engineering Services
4	Shreshama Sudarsan	Participated in Internship Training	Taneja Aerospace & Aviation Limited

**20. Department Meetings Held :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date	Vanue / Hall No.
1	Board of Studies Meeting	20.05.2019 11.00AM t 01.00 PM	University Conference Hall
2	1 st Programe Committee Meeting (odd sem)	08.08.2018 11.10 AM	T 103
3	2 nd Programe Committee Meeting (odd sem)	20.09.2018 11.10 AM	T 103
4	3 rd Programe Committee Meeting (odd sem)	18.10.2018 11.10 AM	T 103

5	1 st Programe Committee Meeting (even sem)	06.02.2019 01.00 PM	T 103
6	2 nd Programe Committee Meeting (even sem)	14.03.2019 01.00 PM	T 103
7	3 rd Programe Committee Meeting (even sem)	04.04.2019 01.00 PM	T 103
8	1 st class committee meeting for S3 students (odd sem)	25.07.2018 02.40 PM	T 102
9	1 st class committee meeting for S5 students (odd sem)	26.07.2018 11.10 AM	T 202
10	1 st class committee meeting for S7 student(odd sem)	25.07.2018 01.00 PM	T 201
11	2 nd class committee meeting for S3 students (odd sem)	27.08.2018 02.40 PM	T 102
12	2 nd class committee meeting for S5 students (odd sem)	27.08.2018 11.10 AM	T 202
13	2 nd class committee meeting for S7 students (odd sem)	29.08.2018 01.00 PM	T 201
14	3 rd class committee meeting for S3 students (odd sem)	29.09.2018 02.40 PM	T 102
15	3 rd class committee meeting for S5 students (odd sem)	27.09.2018 11.10 AM	T 202
16	3 rd class committee meeting for S7 students (odd sem)	27.09.2018 01.00 PM	T 201
17	1 st class committee meeting for S2 students (even sem)	06.02.2019 12.50 PM	T 102
18	1 st class committee meeting for S4 students (even sem)	06.02.2019 01.10 PM	T 102
19	1 st class committee meeting for S6 students (even sem)	06.02.2019 01.20 PM	T 202
20	1 st class committee meeting for S8 students (even sem)	06.02.2019 01.30 PM	T 201
21	2 nd class committee meeting for S2 students (even sem)	14.03.2019 12.50 PM	T 102
22	2 nd class committee meeting for S4 students (even sem)	14.03.2019 01.20 PM	T 102
23	2 nd class committee meeting for S6 students (even sem)	14.03.2019 01.10 PM	T 202
24	2 nd class committee meeting for S8 students (even sem)	14.03.2019 01.30 PM	T 201
25	3 rd class committee meeting for S2 students (even sem)	04.04.2019 12.50 PM	T 102
26	3 rd class committee meeting for S4 students (even sem)	04.04.2019 01.10 PM	T 102
27	3 rd class committee meeting for S6 students (even sem)	04.04.2019 01.20 PM	T 202
28	3 rd class committee meeting for S8 students(even sem)	04.04.2019 01.30 PM	T 201

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
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1	Computational Fluid Dynamics Lab	The CFD lab consists of a 40 Node Linux OS based Cluster. The basic unit is a Xeon GHz Quad pro processor and a ten such units make up the total system and one of these units constitutes as the main server. At present ANSYS 12 CFD Version has been installed	-	The CFD Lab serves as a basic computational Platform for Design, Research and Educational activities
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22. Extension activities carried out :Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	657	7	No. of titles available	294
2	Books added during the year 2015	4	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/ Magazines	14	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	1	11	Average No. of books Issued per day	1
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.)	WiFi connecting to all	12	Availability of Language Lab	No
			13	NDL membership 1. Faculty members 2. Students	4

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	Computer	Levono - Pentium (R) Duel-core CPU E5700 @ 3.00GHz, RAM 2GB	1	7	Network	-	1

2	Laptops	Levono - Pentium 1.9 GHz Processor, 500 GB HDD, 2 GB RAM	1	8	Fax	-	0
3	Printer	-	0	9	Smart Class	With smart board interacted board and projector ceiling mount	1
4	LCD Projector	Epson Multi media Projector with lens, Remote, Power cable, VGA, Bag, Adopter cable, EPSON CD ROM	1	10	Software/ Data base	ANSYS, FLUENT, MATLAB	1
5	Net Connection Wi-Fi: Wired:	-	1	11	Others	ANUJA PA Amplifier, wireless micro phone and wall speakers	1
6	Scanner	-	0				

24. Collaborative Researches : Nil

25. Consultancies : Nil

26. No. of NET/SET/GATE/CSIR Qualified students: Nil

27. MOUs signed : Nil

28. Innovations and Best Practices : Nil

29. Academic Flexibility : Nil

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

NAME OF THE DEPARTMENT: AUTOMOBILE ENGINEERING

1. Department Details :

Name of the School	MECHANICAL STREAM
Name of the HOD, Phone No. and E-mail ID	Dr. J.EDWIN RAJA DHAS 9443607104 edwinrajadhas@rediffmail.com
Year of Establishment	2009
Telephone Number	
Website / E mail	

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					eaching	Research	
1	Dr. J.Edwin Raja Dhas	PhD	Professor & Head	Intelligent Manufacturing	15	1.5	edwinrajadhas@rediffmail.com 9443607104
2	Dr. M. Edwin Sahayaraj	PhD	Associate Professor	Surface Engineering	19		ebishaoun@gmail.com 9443734994
3	Dr. Pradeep. P,	PhD	Associate Professor	Composite Materials	13.6 yrs	-	pspradeep2006@rediffmail.com 9488833753
4	Mr. S. Robin Divahar	ME	Associate Professor	Thermal	14.6 years		srobinn@yahoo.com 9944258801
5	Dr. Stanly Jones Retnam.B	PhD	Associate Professor	Composite Materials	11.5		er.stanleybjones@yahoo.co.in 9443791408
6	Darwins. A.K	ME	Assistant Professor	Manufacturing	15.2		akdarwins@gmail.com 9487657885

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.

1	Dr. J.Edwin Raja Dhas		4	5	7	2	24		145			3	4		8
2	Dr. Stanly Jones Retnam.B		8	2	8	2	29		118						07
3	Dr. Pradeep		2	3	7	1 1	17		119						02
4	Dr. M. Edwin Sahayaraj		4	5	8	9	21		121						01

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Dr, J.Edwin Raja Dhas	Basic Life Support Training Program NIMS Medicity Aralu Moodu Neyyattinkara		One day (14 th Sep 2018)
2	Dr.Stanly Jnes Retnam	One week training on Counselling Skills, Mnonmanium Sundaranar University		18 to 24 July 2019
3	Dr, J.Edwin Raja Dhas	Exploring Experimental Learning in higher Education, NICHE		19 th Dec 2019
4	Dr, J.Edwin Raja Dhas	Hybrid Energy and renewal energy MET Engineering College, Kanyakumari		07-08-2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

2					
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6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. J.Edwin Raja Dhas	Guest	National Science Day		PSRR College of Engineering for Women, Sivakasi 28 th Feb 2019
2	Dr. J.Edwin Raja Dhas	Reviewer	Techfest 2019		9 th March 2019, St Xavier's Catholic College of Engg, Nagercoil.

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1	Shri V.Abraham Bonafice	Seminar G.M from Buni Engineering and Technologies Pvt Limited, Chennai on topic Titled “ Interior Design for Automotive”	State	11 th February 2019

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1	Diju Samuel, G., Edwin Raja Dhas, J	Investigations on Effect of Activated Carbon Addition on Al6061 Metal Matrix Composite	Journal of Global Engineering Problems & Solutions	vol. 04, no. 01	2018	6-9,
2	S.Shanavas, J. Edwin Raja Dhas and N.Murugan	Weldability of marine grade AA 5052 aluminum alloy by underwater friction stir welding	International Journal of Advanced Manufacturing and Technology	Volume 95, Issue 9-12	2018	4535-4546

3	Shamim Ibrahim, R.C. Mehta, J. Edwin Raja Dhas	A Comprehensive Review to Study the Role of Air Conditioning and Air Flow Improvements in Small Passenger Vehicles	Journal of Advanced Research in Dynamical and Control Systems,	Issue: 03	2018	372-391
4	GRamanan, S Suresh, NRajesh Prabha and J Edwin Raja Dhas	Characterization, wear surface roughness and tensile failure analysis of Al7075-TiC-MoS2 hybrid composites using online acoustic emission	Mater. Res. Express	6	(2019)	066544
5	John Edwin Raja Dhas, Moni Satheesh	Development of Probabilistic Neural Network Model for Weld Quality Prediction	Engineering and Technology	5(2):	2018	21-27
6	M.R. Arun, J.Edwin Raja Dhas, and B.Stanly Jones Retnam,	Experimental Investigations of Nano Enhanced Hybrid Facesheets,	Journal of Advancements in Material Engineering.	Volume 3, Issue 2	2018	1-9

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. P.G. and Research degrees awarded:

S. No.	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total

14. Fellowships Awarded (National/International) Faculty/Students Stipend

awarded : Nil

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass

17. Placement Details:

Name of the Placement co-ordinator:	
Phone/Mobile Number :e-mail:	
Number of Placement Programmes:	
S. No.	Particulars
	Numbers of students placed

		Male	Female
1	Number of Students Placed	11	
2	Number of Placements obtained through Campus Interview	9	
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	74	

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1			

**20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.**

S.No	Name	Date	
1.	Course Committee Programme Committee etc.	3 rd July 2019	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	948	7	No. of titles available	8
2	Books added during the year 2018-19	27	8	No. of CDs and Digital Books Available	5
3	No. of Indian Journals/Magazines	87	9	No. of Foreign Magazines/Journals	
4	No. of data bases available		10	No. of Online Journals	

5	Average No. of students visiting the Library per day		11	Average No. of books Issued per day	
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)		12	Availability of Language Lab	
			13	NDL membership 1. Faculty members 2. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches :

25. Consultancies :

26. No. of NET/SET/GATE/CSIR Qualified students:

27. MOUs signed :

28. Innovations and Best Practices :

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
30.				

30. Others

SI.No	Name	Title of the Program	Duration
1.	Dr Edwin Raja Dhas	Internal Quality Assurance Cell (Work Shop)	11/2/2018
2.	Dr Edwin sahaya raj	Robotics and automobile Applications	10/3/2018
3.	Dr Edwin sahaya raj	Internal Quality Assurance Cell (Work Shop)	11/2/2018
4.	Dr.B.Stanly Jones Retnam	Robotics and automobile application(Workshop)	10/3/2018
5.	Dr. A.K. Darwins	Work Shop e- Resources (Work Shop)	4/25/2019
6.	Dr.B.Stanly Jones Retnam	Basic life support and first aid skills(Workshop)	3/28/2019
7.	Dr.B.Stanly Jones Retnam	Training on counselling skills (FDP)	18-06-2019 to 24-06-2019



NOORUL ISLAM CENTRE FOR HIGHER EDUCATION

(Deemed to be University under section 3 of the UGC Act 1956)

Accredited by NAAC with "A" Grade

Kumaracoil-629 180, Thuckalay, Kanyakumari District, Tamil Nadu, India

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ANNUAL REPORT DATA FOR THE UNIVERSITY DEPARTMENTS FOR THE ACADEMIC YEAR 2018 – 2019

NAME OF THE DEPARTMENT: AIRCRAFT MAINTENANCE ENGINEERING

1. Department Details :

Name of the School	Aeronautical Engineering
Name of the HOD, Phone No. and E-mail ID	S.Nalinakshan Nair
Year of Establishment	2013
Telephone Number	9946668103
Website / E mail	snalinakshan@yahoo.com

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	S.Nalinakshan Nair	B.Tech equivalent, AME	Accountable Manager	AME	15		snalinakshan@yahoo.com 9946668103
2.	M.Shreedharan Nair	AME	Deputy Chief Instructor	AME	10		srreedhar.nair47@gmail.com 9400274976
3	J.Saji Soundara Raj	M.E., (Ph.D.)	Associate Professor	Hydro farming	25	-	sajisoundararaj@yahoo.com 9443692761
4	Dr.J.Benita	M.E., Ph.D.	Assistant Professor	Communication	16	-	beni.bless@gmail.com / 9944378884
5	S. HariKumar	M.E.,	Assistant Professor	Applied Electronics	5		jas6508@gmail.com 9894479897
6	J.Anish	M.E.,	Assistant Professor	Aeronautical	8		anish88aero@gmail.com 9952303947
7	D.Sudhakar	M.E.,	Assistant Professor	Thermal Power Plant	16	-	dsudhakarpranav@gmail.com 9442842041

3. Faculty Members Achievements /Performance: Nil

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		19-20	Cumulative	19-20	Cumulative	19-20	Cumulative	19-20	Cumulative	19-20	Cumulative	19-20	Cumulative	M. Phil	Ph.D.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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4.. Research Schemes/Projects undertaken :Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	-	-	-	-	-	-

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.: Nil

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	-	-	-	-

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	-	-	-	-	-

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. : Nil

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	-	-	-	-	-

7. Details of Seminars, Conferences and Refresher courses Organised: Nil

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1	-	-	-	-

8. Publication of Research Papers at the State/National/International Levels: Nil

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1	-	-	-	-	-	-

9. Details of patents applied/registered: Nil

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
-	-	-	-	-	-

10. Publications of Books/Monographs: Nil

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	-	-	-	-

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2018-19		Total	Community														Existing Students, Strength						Pass Percentage of outgoing batch
			F	M		OC		BC		BCM		MBC/DNC		SC		SCA		ST		II		III		IV		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	25	2	23	25	2	4	4	3	3	-	-	-	8	-	-	-	-	-	7	-	9	-	3	-	100
	PG Courses																									
	M.Phil. Programme																									
	Ph.D Programme																									
	Diploma Certificate Courses (if any)																									
	MOOC/NPTEL/UGC online courses offered																									
	Total	25			25	2	4	4	3	3	-	-	-	8	-	-	-	-	-	7	-	9	-	3	-	100

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	U.G. and AME	Indian	Kerala	16	-	16
2	U.G. and AME	Indian	Himachal Pradesh	1		1
3	U.G. and AME	Indian	Uttar Pradesh	-	-	-
4	U.G. and AME	Indian	Andhra Pradesh	10		10
5	U.G. and AME	Indian	Maharashtra	3		3
6	U.G. and AME	Indian	Karnataka	1		1
7	U.G. and AME	Indian	Telangana	3	1	4
8	U.G. and AME	Indian	Odisha	-		-
9	U.G. and AME	Indian	Delhi	0		0
10	U.G. and AME	Indian	West Bengal	3	1	4
11	U.G. and AME	Indian	Bihar	1		1
12	U.G. and AME	Indian	Jharkhand	1		1
12	U.G. and AME	Indian	Madhya Pradesh	-		-

13. P.G. and Research degrees awarded: Nil

S. No	UG		P.G.		M. Phil.			Ph.D.				
		Total		Total		FT	PT	Total		FT	PT	Total
-	-	-	-	-	-	-	-	-	-	-	-	-

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :Nil

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-

15.Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							

3	M.B.C./D.N.C.(State)								
4	SC/SCA/ST(National)								
5	SC/SCA/ST(State)								
6	First Generation Free Education								
7	Loan Scholarship								
8	Others (Specify the name of the scholarship)								
	Total	-	-	-	-	-	-	-	-

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	U.G. AME	25	16	25	25	7	4	7	6	9	7	9	9	3	3	3	3

17. Placement Details:

Name of the Placement co-ordinator: Dr.J.SajiSoundara raj			
Phone/Mobile Number :e-mail:sajisoundararaj@yahoo.com 9443692761			
Number of Placement Programmes:Nil			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	-	-
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	-	-

18. Outstanding achievements by the Faculty Members:Nil

S. No.	Name of the Faculty	Achievements	Agency
1	-	-	-

19. Outstanding achievements by Students:NIL

S.No.	Name of the Student	Achievements	Agency
2			
3			
4			

20. Department MeetingsHeld :

BOS,Programme Committee, Course Committee etc.

S.No	Name	Date	
1.	Course Committee	-	
2	Programme Committee	-	
3	BOS	24-5-2019	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :Nil

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
-	-	-	-	-

22. Extension activities carried out :Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	-	-	-	-
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	608	7	No. of titles available	188
2	Books added during the year 2018-19	-	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	30	11	Average No. of books Issued per day	1
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	100 Mbps	12	Availability of Language Lab	-
			13	NDL membership 1. Faculty members 2. Students	-

24. Information and Communication Technology Resources: Nil

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

25. Collaborative Researches : Nil

26. Consultancies : Nil

27. No. of NET/SET/GATE/CSIR Qualified students: Nil

28. MOUs signed : Nil

29. Innovations and Best Practices : Nil

30. Academic Flexibility : Nil

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
-	-	-	-	-

NAME OF THE DEPARTMENT: BIOMEDICAL SCIENCES AND TECHNOLOGY

1. Department Details :

Name of the School	NOORUL ISLAM CENTRE FOR HIGHER EDUCATION
Name of the HOD, Phone No. and E-mail ID	Dr.M.Murugan
Year of Establishment	2009
Telephone Number	9486856110
Website / E mail	muruganbt@niuniv.com
Special Status : (if any)	

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialization	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr.Nagendra Prasad	Ph.D	Professor	Cytogenetics and Ethnobotony	41	36	bioprasad@gmail.com , 9994174942
2.	Dr. V. R. Mohan	Ph.D	Professor	Seed biology	38	35	9487279902
3.	Dr.M.Murugan	Ph.D	Dean, Professor & HOD	Molecular genetics.	17	18	muruganbt@niuniv.com 9486856110
4.	Dr.S.Albert Jerome	Ph.D	Associate Professor	Biomedical signal processing and Instrumentation	16	8	albert_s@rediffmail.com , 9894214933
5.	Dr.I.Sowmy	Ph.D	Assistant Professor	Wireless Communication	12.4	-	sowmymni@yahoo.com 9994703309
6.	Ms.V.Femi	M.Tech.	Assistant Professor	BioMEMS, medicalOptics	8	-	femivm87@gmail.com 9789527971
7.	Ms.Lisha Daniel	M.E	Assistant Professor	Bio sensors	2.4	-	lishacmi@gmail.com 7639241642
8.	Dr. Mansoor Ani Najeeb. N	M.Tech., Ph.D	Associate Professor & Program Coordinator	NanoBiosensors	8	5	animansoor@gmail.com 9961231666
9.	Mr. T. Murugan	M.Sc., DBI., SET	Assistant Professor	Microbial Surfactants	3	6	tmurugamb@gmail.com 9894046454
10.	Mrs J.P. Janu	M.Sc., M.Phil.,	Assistant Professor	Bioinformatics	2	-	janubioinformatics@gmail.com 9944731631

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr.I.Sowmy, ASP/BMST.	TNSCS T	Drowsiness Detection System based on Heart rate Variability using IoT Technology for Health Care“by Final year BME students Athira S.A and Masha Anil, S8, BME	Jan-19	April -19	7500/-

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1.	Dr. M. Murugan	Guest Speaker for the Botany Association in St Judges College, thoothur	Barcoding for basic science	15-02-19
		Future trends in Marine biotechnology / Centre for Marine Science and Technology, Manonmaniam Sundaranar University.	Probiotics as Feed supplement	14 th & 15 th February 2019
2.	Jeyashree, C	National Conference on Recent Advances in Engineering, Science and Technology	Participated	04-04-2019
4.	V.Femi	National Conference on Recent Advances in Engineering, Science and Technology	Participated	04-04-2019
5.	Dr.I.Sowmy	National Conference on Recent Advances in Engineering, Science and Technology	Participated	04-04-2019
6	Mr.T. Murugan	National Conference on Recent Advances in Engineering, Science and Technology	Participated	04-04-2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. M. Murugan	Resource person	National Seminar	Barcoding for basic science	15-02-19

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
	Dr. M. Murugan	National Conference on Recent Advances in Engineering, Science and Technology	National	1 day

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1.	J. Albino Wins, M. Arunachalam and M. Murugan	Prevalence of Laccase Producing Endophytic Microbes in Musa acuminata and Hevea brasiliensis Roots	<i>International Journal of Scientific Research and Reviews-</i> 2279-0543	Volume 8 Issue 1 January - March	2019	723-728
2.	A. Bency, J. Lohidas and M. Murugan	Antibacterial Potential and Phytochemical Analysis of Barleria Mysorensis Leaf Extracts	<i>International Journal of Scientific Research and Reviews-</i> 2279-0543	Volume 8 Issue 1 January - March	2019	669-675

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

			Number of Fellowships	

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of	Enrolment during 2018-2019		Total	Community												Existing Students Strength						Pass Percentage of
		F	M		O	BC	BCM	MBC/DNC	SC	SCA	ST	II	III		IV								
					C	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
		M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F					
	UG Programme															30	23	24	22	31	18	100	
	PG Courses																						
	M.Phil. Programme																						
	Ph.D Programme																						
	Diploma / PG Diploma / Certificate Courses (if any)																						
	Total																						

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total

1																	
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14. Fellowships Awarded (National/International) Faculty/Students Stipend

awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
Total								

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.E Biomedical Engineering			51	26	45	23	46	34	49	37	48	36	32	30	30	30

17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	5	2
2	Number of Placements obtained through Campus Interview		1
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1:6	1:3

18. Outstanding achievements by the Faculty Members:l

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Paul Selvin Manoharan	Silver medal in National Design Competition, All india level	Institute of Engineers, India
	Athira S.A and Masha Anil, S8, BME	Students Project - RS 7500/-	TNSCST, Govt.of Tamil Nadu

20. Department Meetings Held : BOS,Programme Committee, Course Committee etc.

S.No	Name	Date	
1.	First Programme Committee(Odd Semester)	27-7-18	
2.	Second Programme Committee(Odd Semester)	12-9-18	
3.	Third Programme Committee(Odd Semester)	29-10-18	
4.	First Programme Committee(Even Semester)	1-2-19	
5.	Second Programme Committee(Even Semester)	1-3-19	
6.	Third Programme Committee(Even Semester)	22-4-19	
7.	First Staff Meeting(Odd Semester)	26-7-18	
8.	Second Staff Meeting (Odd Semester)	23-9-18	
9.	Third Staff Meeting (Odd Semester)	29-11-19	
10.	First Staff Meeting(Even Semester)	3-1-19	
11.	Second Staff Meeting(Even Semester)	8-3-19	
12.	Third Staff Meeting(Even Semester)	13-5-19	
13.	Fourth Staff Meeting(Even Semester)	15-6-19	
14.	BOS	23-01-2019	
15.	BOS	17-05-2019	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Blood donation camp	Public	27-02-2019	Hilltop Auditorium, NICHE, kumaracoil

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	622	7	No. of titles available	30

2	Books added during the year 2015	-	8	No. of CDs and Digital Books Available	05
3	No. of Indian Journals/ Magazines	5	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	12	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.)	2	12	Availability of Language Lab	-
			13	NDL membership	
				3. Faculty members 4. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches :I

25. Consultancies :NIL

26. No. of NET/SET/GATE/CSIR Qualified students:NIL

27. MOUs signed : NIL

28. Innovations and Best Practices :Internship and industry practice

29. Academic Flexibility : NIL

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

30. Others

SI.NO	Name	Title of the Program	Duration
1.	Dr.M.Murugan	Workshop on Advance Knowledge resources and IPR in Research	27/3/2019
2.	Dr.M.Murugan	Workshop on e-Resources	25/6/2019
3.	Dr.M.Murugan	Workshop on Biomedical Applications in Translational Research	06-06-2019 to 07-06-2019

NAME OF THE DEPARTMENT: CHEMISTRY

1. Department Details :

Name of the School	Science & Humanities
Name of the HOD, Phone No. and E-mail ID	Dr. M. Sankaranarayana Pillai Mob:9442077787
Year of Establishment	1989
Telephone Number	-
Website / E mail	msankars@yahoo.com
Special Status : (if any)	-

2. Details of Faculty Members :

S. No	Name of the Faculty	Qualification	Designation	Specialisation	Teaching	Research	E-mail ID & Phone/Cell Phone No.
1	Dr.M.Sankaranarayana Pillai	PhD	Professor	Inorganic Chemistry	48	30	9442077787 msankars@yahoo.com
2	Dr.J.Joseph	PhD	Associate Professor	Bioinorganic chemistry	10	9	9489486295 josephniche@gmail.com
3	Dr.T.M.Sharmila	PhD	Asst. Professor	Bioinorganic chemistry	11	7	9486089576 caalwinrs@gmail.com
4	Mrs. E. H. Edinsha Gladis	M.Phil	Teaching Assistant	Organic Chemistry	3		9751252665 edinsha@gmail.com
5	Mrs. D. Arthi	M.Phil	Teaching Assistant	Organic Chemistry	2		8903937684 arthiabs27@gmail.com
6	Ms.J.Michael Ahitha Jose	M.Phil	Teaching Assistant	Organic Chemistry	1	1	
7	Ms.M.AntilinaPrincela	M.Phil	Teaching Assistant	Organic Chemistry	1	1	

3. Research Schemes/Projects undertaken :Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	

4. a) Participation of Faculty to present papers in Congresses / Conferences / Seminars/ Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Dr.J. Joseph	International Seminar on Recent Trends in Bioinorganic Chemistry Loyala College, Chennai	Paper presentation	18 th Feb 2019

2		One week Professional Development Programme participation Gandhigram Rural University, Gandhigram	Workshop	04.03.2019 to 09.03.2019
		International Conference on Research Initiatives in Chemistry for Sustainable Development Gandhigram Rural University, Gandhigram	Paper	18 th & 19 th March 2019
		Annual Refresher programme in teaching (ARPIT) MHRD		March 2019
	Dr.T.M.Sharmila	Workshop on Green and sustainable chemistry Scott Christian college	Workshop	06.02.2019
		International conference on Emerging Trends in Mathematical, Physical and Chemical Sciences	conference	22.02.2019
		Workshop on molecular modelling NICHE	Workshop	09.04.2019
		Training on basic life support and first aid skills NICHE	Workshop	28.03.2019
		Outcome Based Education NICHE	Workshop	02.11.2018
	Mrs.E.H.Edinsha Gladis	Workshop on Green and sustainable chemistry Scott Christian college	Workshop	06.02.2019
		Workshop on molecular modelling NICHE	Workshop	09.04.2019
		Outcome Based Education NICHE	Workshop	02.11.2018
	Mrs.D.Arthi	Workshop on Green and sustainable chemistry Scott Christian college	Workshop	06.02.2019
		Workshop on molecular modelling NICHE	Workshop	09.04.2019
		Outcome Based Education NICHE	Workshop	02.11.2018
	Mrs.M.Antilin Princela	Workshop on molecular modelling NICHE	Workshop	09.04.2019
		Outcome Based Education NICHE	Workshop	02.11.2018
		Training on basic life support and first aid skills NICHE	Workshop	28.03.2019

	Mrs.J.Micheal Ahitha Jose	Outcome Based Education NICHE	Workshop	02.11.2018
		Training on basic life support and first aid skills NICHE	Workshop	28.03.2019

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

5. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. J. Joseph	Resource Person	Conference	National seminar on "Climate change impacts on Biodiversity, Environment and its management"	St. Johns college Anchal 19th& 20th Feb, 2019
2					

6. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1	Dr.J.Joseph	International conference on Emerging Trends in Mathematical, Physical and Chemical Sciences	International	22th Feb, 2019
2				

7. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
	Dr.J.Joseph	Synthesis, characterization, electrochemical and antimicrobial and DNA		46(3)	2019	881-888.

1		binding studies of new Schiff base metal(II) complexes derived from Isoniazid and 2(4-amino-phenyl)-2H-isoquinolin-1-one	International Journal of Pharmaceutical Research			
	Dr.T.M.Sharmila	Design, synthesis, characterization and catalytic studies of copper complexes with pyrazoline derivatives	International Journal of Scientific Research and Review ISSN NO: 2279-543X	8(4)	2019	930-945
3	Dr.T.M.Sharmila	Physico-chemical parameters and fertility status in selected stations of Kanyakumari district	International Journal of applied Research 394-5869	5(4)	2019	18-21

8. Details of patents applied/registered: Nil

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

9. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year

1	J. Joseph, T.M.Sharmila and E.H.Edinsha Gladis	Engineering Chemistry 978-93-84295-12-7	2018	2018
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10. Courses offered, Sanctioned Strength of Students and Enrolment details:

Sanctioned	Entrollment
M.Sc Chemistry	5
M.Phil Chemistry	5
Ph.D Chemistry	1

11. Enrolment of Students from Overseas and other States: Nil

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1						
2						

12. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.			
		Total		Total	FT	PT	Total	FT	PT	Total	
1	Male		Male	1	Male	-		Male			-
2	Female		Female	9	Female	5		Female			

13. Fellowships Awarded (National/International) Faculty/Students:

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	DST	JRF	-	1	1
2					

14. Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

15. Placement Details:

Name of the Placement co-ordinator :		Dr. J. Joseph	
Phone/Mobile Number		9489486295; E-mail:josephniche@gmail.com	
Number of Placement Programmes			
S.No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	-	2
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

16. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1			
2			

17. Outstanding achievements by Students: Nil

S. No.	Name of the Student	Achievements	Agency
1			

18. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	Res. lab	UV-Visble Spectrophotometer	1	Research
2		FT IR	1	Research
3		Electrochemical analyzer	1	Research
4		Gel documentation system	1	Research

19. Extension activities carried out : Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1				

20. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	500	7	No. of titles available	200
2	Books added during the year 2015	75	8	No. of CDs and Digital Books Available	10

3	No. of Indian Magazines/ Journals	50	9	No. of Foreign Magazines/ Journals	Nil
4	No. of data bases available	Nil	10	No. of Online Journals	
5	Average No. of students visiting the Library per day	40	11	Average No. of books Issued per day	10
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)		12	Availability of Language Lab	No

21. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifi- ations	Nos.	S. No.	Name of the Equipment	Specifi- cations	Nos.
1	Computer		1	7	Network		
2	Laptops		0	8	Fax		
3	Printer		0	9	Smart Class		S & H
4	LCD Projector		0	10	Software/Data base		-
5	Net Connection Wi-Fi: Wired:		1	11	Others		-
6	Scanner		0				

22. Collaborative Researches : Nil

23. Consultancies : Nil

24. No. of NET/SET/GATE/CSIR Qualified students: Nil

25. Others (Please Specify) :

NAME OF THE DEPARTMENT: CIVIL

1. Department Details :

Name of the School	Civil Engineering
Name of the HOD, Phone No. and E-mail ID	Dr.J.Prakash Arul Jose
Year of Establishment	2006
Telephone Number	9940856483
Website / E mail	Prakashjose11@gmail.com

2. Details of Faculty Members :

S. No	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. V. Narayanan Nair	M.Sc, Ph.D	PROFESSOR & DEAN	Gelogy	51	45	vnnggeologist@gmail.com 08281654705
	Dr. N. Nalnth	Ph.D	PROFESSOR	Structural Engg	15	5	drnnh1976@gmail.com 9443449904
3	Dr.J.Prakash Arul Jose	M.Tech., Ph.D., M.B.A	HOD	Structural Engg	29		Prakashjose11@gmail.com / 9940856483
4	Mr. D. Allwin	M.E	AP	Hydrology & water Resources Engg.	11		win8039@gmail.com 9489505032
5	Mrs. N. Alex Dorwina	M.E	AP	Hydrology & water Resources Engg.	9		alex85dorwina@yahoo.co.in 9442271710
6	Mr. R. Muthu Uthayan	M.E	AP	Construction Management	8		muthuuthayan@gmail.com 9498981986
7	Mrs. B. Soniya	M.E	AP	Soil mechanics & Foundation Engine	8		soniyaaji7008@gmail.com 7339426791

				ering			
8	Mr. S. Mathan Kumar	M.E	AP	Environ mental Engine ering	7		mathankumar.lingam@gmail.com 7598289166
9	Mrs. R. Roselin	M.Tech, (Ph.D)	AP	Structur al Engine ering	12		roselinkalist12@gmail.com 8903706756
10	Mr. S. Sunil Kumar	M.E, (Ph.D)	AP	Structur al Engine ering	7.5		sskme1986@gmail.com 9003353631
11	Mr. N. Ajin	M.E	AP	Constru tion Manag ement	2.5		ajin.nithin@gmail.com 9488567591
12	Mrs. J. Shalini	M.E, (Ph.D)	AP	Structur al Engine ering	6.4		shalinijeba@gmail.com 9488477343

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
	Dr.V. Narayanan Nair				8				0.67						
	Dr.J.Prakash Arul Jose	Nil	Nil	11	19	Nil	Nil		0.75	Nil	Nil	Nil	Nil	Nil	Nil
	Dr. N. Nalanth			10	14				0.75						
	Mr. D. Allwin								0.68						
	Ms. N.Alex Dorwina								0.67						
	Mr. R.								0.66						

Muthu Uthayan														
Ms. B. Soniya								0.65						
Mr. S. Mathan Kumar								0.67						
Ms. R. Roselin			2					0.72						
Mr. S. Sunil Kumar								0.68						
Mr. N. Ajin								0.66						

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1			Nil	Nil	Nil	Nil
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1		Nil		
2		Nil		

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr. Maria Rajesh	HCT, Al shinas	Oman	1	Delivered Expert Talk
2	Dr. Subash	Ambo University	Ethiopia	1	Delivered Expert Talk
3	Prof. Daniel	Hawasa University	Ethiopia	1	Delivered Expert Talk

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.J.Prakash Arul Jose	Chief Guest	ISTE Inauguration	Low cost Hoising	Arunachala Engineering College(25-1-2019)
2	Dr.J.Prakash Arul Jose	Chief Guest	ISTE Seminar	Leadership Qualities for Engineers	St .Xaviers Catholic College of Engineering(29-1-2019)
3	Dr.J.Prakash Arul Jose	Chief Guest	Civil Department Symposium	Cost Effective Construction	Satyam Engineering College (30-1-2019)
4	Dr.J.Prakash Arul Jose	Resorce person	One day Student Development Programme	Modern Surveying	Satyam Engineering College (30-5-2019)

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1	Civil Engineering	Conference	International Conference	26/04/2019
2	Civil Engineering	FDP	State	19/06/2019 & 20/06/2019

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. / Issue No.	Year of Publication	Page(pp)
1	Prakash Arul Jose, Rajesh Prasanna	PERFORMANC E OF AFRP CONFINED RC DRIVEN PILES SUBJECTED TO VERTICAL LOADS	IJCIET 0976 - 6308	9 / 4	2018	1298 -1306
2	Prakash Arul Jose, Rajesh Prasanna	EXPERIMENTA L STUDY ON PFRP CONFINED RC DRIVEN PILES SUBJECTED TO VERTICAL	IJCIET 0976 - 6308	9 / 4	2018	1307-1315

		LOADS				
3	Prakash Arul Jose, Rajesh Prasanna	FEASIBILITY STUDY OF CFRP CONFINED RC DRIVEN PILES SUBJECTED TO VERTICAL LOADS- NEW CONSTRUCTION METHODOLOGY	IJMET 0976 – 6340	9 / 5	2018	136 – 144
4	Prakash Arul Jose, Rajesh Prasanna	TECHNICAL FEASIBILITY STUDY OF GFRP CONFINED RC DRIVEN PILES - NEW CONSTRUCTION METHODOLOGY	IJMET 0976 – 6340	9 / 5	2018	145-153
5	Prakash Arul Jose, Rajesh Prasanna	TECHNICAL PERFORMANCE OF BASALT FIBRE REINFORCED POLYMER BFRP CONFINED RC DRIVEN PILES– NEW CONSTRUCTION METHODOLOGY	IJET (UAE) 2227-524X	7/3	2018	1685-1689
6	Prakash Arul Jose, Rajesh Prasanna	NEW CONSTRUCTION METHODOLOGY - GEOTHERMAL COGENERATION PLANT EFFICIENCY IMPROVEMENT	IJET (UAE) 2227-524X	7/3	2018	1679-1684

		TS FOR ENVIRONMENTAL AND ECONOMIC SUSTAINABILITY USING WASTE HEAT RECOVERY SYSTEM				
7	Prakash Arul Jose, Rajesh Prasanna	EXPERIMENTAL STUDY OF BASALT FIBRE REINFORCED POLYMER CONFINED RC DRIVEN PILES SUBJECTED TO VERTICAL LOADS	IJCIET 0976 - 6308	9 / 6	2018	1470–1478
8	Shijumon, V. and Nalanth, N	Effective utilization of plastic waste material in the production of environmental friendly concrete	IJCIET 0976-6308	9 / 13	2018	1478-1486
9	Rema, R. and Nalanth, N. and Vincent, P. and Janardhanan, K.A.	Review on the current construction and demolition waste management framework	IJCIET 0976-6316	9 / 13	2018	1258-1263
10	Sivamalar, C. and Nalanth, N. and Shijumon, V. and Shalini, J.	Use of recycled brick aggregates in self compacting concrete	IJCIET0976-6308	9 / 13	2018	1919-1926
11	R. Roselin, Dr. M.S.	EXPERIMENTAL	IJCIET 0976-6308	9 / 6	2018	1464–1469

	Ravikumar	INVESTIGATION ON CONCRETE USING NANOSILICA AS MINERAL ADMIXTURE				
12	R. Roselin, Dr. M.S. Ravikumar	EXPERIMENTAL INVESTIGATION ON PINEAPPLE FIBRE REINFORCED CEMENT CONCRETE	IJCIET 0976-6308	9 / 6	2018	1479-1484

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
	NIL				

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	NIL			

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

1. BE Civil Engineering 60 41
2. ME Structural Engineering 18 19

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community										Existing Students, Strength						Pass Percentage of outgoing batch			
		F	M		OC	BC		BC M		MBC/DNC		SC		SCA		ST	II		III			IV		
						M	F	M	F	M	F	M	F	M	F		M	F	M	F		M	F	
	UG Programme	5	37		3	1	3	3										3	5	4	7	6	4	76
	PG Courses	6	13				1	6										1	6					70

M.Phil. Programme																												
Ph.D Programme																												
Diploma Certificate Courses (if any)																												
MOOC/NPTEL/UGC online courses offered																												
Total	11	50		3	1	3	3														5	1	4	7	6	4	73	
						4															0	1	4	6				

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	BE Civil Engineering	Indian	Kerala	95	13	108
2	ME Structural Engineering	Indian	Kerala	2	4	6

13. P.G. and Research degrees awarded:

S. No.	UG		P.G.		M. Phil.			Ph.D.			
		Total		Total	FT	PT	Total		FT	PT	Total
1	37	37/49	7	7/10	-	-	-		4		4

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	NIL				

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							

8	Others (Specify the name of the scholarship)																
	Total																NIL

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	BE/ CIVIL	36	2	33	3	51	15	51	4	69	22	69	8	49	24	49	37

17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	NIL	NIL
2	Number of Placements obtained through Campus Interview	NIL	NIL
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	---	---

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1		NIL	

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		NIL	

20. Department Meetings Held : BOS, Programme Committee, Course Committee etc.

S.No	Name	Date	
1.	Course Committee		
	Programme Committee etc.	25/07/2018 25/10/2018, 05/02/2019, 05/04/2019	
	BOS	09/02/2018, 11/05/2018, 04/02/2019, 10/05/2019	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
		NIL		

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil	NIL		
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1018	7	No. of titles available	60
2	Books added during the year 2018-19	32	8	No. of CDs and Digital Books Available	50
3	No. of Indian Journals/Magazines	115	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.)	-	12	Availability of Language Lab	-
			13	NDL membership 1. Faculty members 2. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	Computer		2	5	Scanner		1
2	Laptop		1	6	Network		2
3	Printer		2	7	Smart Class		1
4	LCD Projector		2				

24.Collaborative Researches :

25.Consultancies :Rs.53000/- (Soil Test)

26. No. of NET/SET/GATE/CSIR Qualified students: NIL

27. MOUs signed : NIL

28. Innovations and Best Practices : NIL

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	17	NPTEL	117	117

30. others

SI.NO	Name	Title of the Program	Duration
1.	Mr. D. Allwin	Basic Life Support and first aid skills	28-03-2019
2.	Mr. R. Muthu Uthayan	Basic Life Support and first aid skills	28-03-2019
3.	Mr. S. Mathan kumar	Basic Life Support and first aid skills	28-03-2019
4.	Mr. S. Sunil Kumar	Research Methodology	27-05-2019 to 04-06-2019

NAME OF THE DEPARTMENT:COMPUTER SCIENCE AND ENGINEERING

1. Department Details :

Name of the School	Faculty of Information and Computer Engineering
Name of the HOD, Phone No. and E-mail ID	Dr. Julia Punitha Malar Dhas 9442759814 julaps113@yahoo.com
Year of Establishment	1989
Telephone Number	9486856118
Website / E mail	hodcse@niuniv.com

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	DR. A. SHAJIN NARGUNAM	MCA, M.E., Ph.D.	PROFESSOR	Wireless Networks	22	10	9486856113
2	DR. JULIA PUNITHA MALAR DHAS	B.E., M.E., Ph.D.	PROFESSOR	Wireless Networks	19	9	9486856118
3	DR. J. AMAR PRATAP SINGH	B.E., M.E., Ph.D.	PROFESSOR	Wireless Networks	23	6	9486856111
4	DR. R. CHITRA	B.E., M.E.	ASSOC. PROF.	Image Processing	16	2	9443841910
5	DR. R. KALAISELVI	B.E., M.E.	ASSOC. PROF.	Cloud Computing	18	4	9444859352
6	DR. S. VINILA JINNY	B.E., M.E., Ph.D.	ASSOC. PROF.	Data Mining	13	3	9489283126
7	DR. C. P. MAHESWARAN	B.E., M.E., Ph.D.	ASSOC. PROF.	Cellular Networks	12.7	2	9894472239
8	DR. R. SUJI PRAMILA	B.E., M. Tech., Ph.D.	ASSOC. PROF.	Networks	14	4	9894980636
9	DR. J. E. JUDITH	B.E., M.E., Ph.D.	ASSOC. PROF.	Data Mining	15	4	9443130175
10	DR. A. ANITHA	B.E., M.E., Ph.D.	ASST. PROF.	Networks	11.6	3	9486473593
11	MRS. P. O. SINCIYA	B.E., M.E., Ph.D.	ASST. PROF.	Data Mining	12		7598221021
12	MRS. G. VENIFA MINI	B.E., M.E., Ph.D.	ASST. PROF.	Cloud Computing	14		9442634526
13	DR. P. VENKADESH	B.E., M.E., Ph.D.	ASST. PROF.	Networks	16.5	2	9994433554
14	MRS. A. M. ANUSHA BAMINI	B.E., M.E., Ph.D.	ASST. PROF.	Cloud Computing	9	1	9677399710

3. Faculty Members Achievements /Performance:

Sl. No.	Name	h-index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D
1.	Dr.A.ShajinNargunam	01	03	02	32	05	52					01	08		
2.	Dr.J.AmarPratap Singh	-	02	01	08	01	10					-	02		04
3.	Dr.JuliaPunitha Malar Dhas	-	01	02	13	-	10					01	05		02
4.	Dr.R.Chitra	-	01	-	04	04	06								-
5.	Dr.R.Kalaiselvi	-	02	03	05	-	04								06
6.	Dr.S.VinilaJinny	-	02	01	06	-	05								06
7.	Dr.C.P.Maheswaran	-	02	01	06	-	05								04
8.	Dr.R.SujiPramila	-	01	06	06	-	05								05
9.	Dr.J.E.Judith	01	02	02	08	02	15								04
10.	Dr.A.Anitha	01	03	01	10	03	17								04
11.	Mrs.P.O.Sinciya	-	0	01	01	-	-								-
12.	Mrs.G.Venifa Mini	-	01	02	05	-	03								-
13.	Dr.P.Venkadesh	-	01	04	05	-	03								04
14.	Dr.A.M.AnushaBamini	-	02	02	04	07	11								-

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Dr. S. Vinila Jinny	NPTEL Online Certification	Joy of Computing using Python	Jan – Apr. 2019
2	Dr. Julia Punitha Malar Dhas	Workshop	Outcome Based Education	Nov. 2 nd 2018

3	Dr. R. Kalaiselvi	Workshop	Outcome Based Education	Nov. 2 nd 2018
4	Dr. P.Venkadesh	Workshop	Workshop on LATEX	24-06-2019 to 25-06-2019
5	Dr. C. P. Maheswaran	Workshop	Workshop on LATEX	24-06-2019 to 25-06-2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr. J.Emerson Raja	Multimedia University	Malaysia	May 2 nd 2019	Seminar

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. J .Amar Pratap Singh	Doctoral Committee Member	Meeting		St. Xavier's Catholic College of Engineering
2	Dr. Julia Punitha Malar Dhas	Doctoral Committee Member	Meeting		Anna University, Tirunelveli Campus, Govt. College of Engineering, Tirunelveli St. Xavier's Catholic College of Engineering
3	Dr. R. Chitra	BoS	Meeting		PSN College of Engineering, Tirunelveli
4	Dr. P. Venkadesh	BoS	Meeting		PSN College of Engineering, Tirunelveli
5	Dr. J. E. Judith	Doctoral Committee Member	Meeting		Infant Jesus College of Engineering, Thoothukudi St. Xavier's Catholic College of Engineering
6	Dr. S. Vinila Jinny	Doctoral Committee Member	Meeting		C.S.I. Institute of Technology, Thovalai

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1.		National Level Technical symposium - TECHNOVA2K19	National	28 th March 2019

2.	National Conference on Innovative Computing Science & Engineering'19 (NCICSE'19)	National	April 2 nd 2019
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8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page (pp)
1.	Dr.J. Amar Pratap Singh	Comparative Study Between Classification Algorithms Based on Prediction Performance	Communications in Computer and Information Science, Springer	Vol. 836	2018, DOI: 10.1007/978-981-13-1343-1_19	pp.185-196
2.	Dr. Julia Punitha Malar Dhas	SDN based DDoS attack detection system by exploiting ensemble classification for cloud computing	International Journal of Intelligent Engineering and Systems	Vol.11, No.6	2018, DOI: 10.22266/ijies2018.1231.28	pp. 282-291
3.		Denoising in Magnetic Resonance Images using Improved Gaussian Smoothing Technique	International Journal of Recent Technology and Engineering (IJRTE)	Vol.8, No.2	2019	pp. 3693-3696
4.		Trusted Detection of Ransom ware using Machine Learning Algorithms	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075	Volume -8, Issue-9S2	2019	pp. 653 – 656
5.		Implementat ion of cost effective IoT based home automation system	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 51-55

6.	Dr.R.Kalaiselvi	A survey on the different cryptographic techniques used for data access control in cloud computing	International journal of current engineering and scientific research	Vol. 5, I. 4	2018	pp. 49-53
7.	Dr.R.Kalaiselvi	Multi-Authority based Data Fragment Technique for Secure Storage and Sharing in Cloud Computing	Journal of Advanced Research in Dynamical & Control Systems	Vol. 11, I. 07, ISSN 1943-023X	2019	pp. 929-935
8.	Dr. J. E. Judith	IoT based student transportation safety enhancement	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 07-12
9.	Dr. J. E. Judith	A survey on outlier detection methods in data mining	International Journal of Engineering & Technology	Vol.7, I.4	2018, DOI: 10.14419/ijet.v7i4.29057	pp. 6309-6312
10.	Dr. R.Suji Pramila	Design of intelligent mono copter	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 28-34
11.	Dr. R.Suji Pramila	Routing protocol based key management schemes in MANET: A survey	International Journal of Engineering and Technology	Vol. 7, I. 3	2018	pp. 1453-1456
12.	Dr. R.Suji Pramila	A survey to monitor and defend against blackhole attacks in mobile adhoc networks	International Journal of Engineering and Technology	Vol. 7, I. 3.6	2018	pp. 337-342

13.	Dr. R.Suji Pramila	Queue based energy efficient routing with dynamic resources allocation in mobile adhoc networks	International Journal of Engineering and Technology	Vol. 7, I. 3.6	2018	pp. 343-347
14.	Dr. R.Suji Pramila	Detection and analysis of diabetic retinopathy	International Journal of Computer Trends and Technology	Vol. 61, I. 1	2018	pp.
15.	Dr. R.Suji Pramila	Random Bit Extraction for Secret Key Generation in MANETs	Wireless Personal Communications	Vol. 107, I. 4	August 2019	pp. 2247-2261
16.	Dr. S. Vinila Jinny	IoT based smart childcare monitoring system	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	2018	pp. 1453-1456
17.	Dr.C.P.Maheswaran	Big-data storage in cloud with enhanced data security	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 01-06
18.	Mrs. P.O.Sinciya	GSM based home automation using arduino	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 56-61
19.	Mrs.G.Venifa Mini	Attribute based de-duplication of encrypted data in cloud	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 35-42
20.	Dr. Anitha. A	An integrated intrusion detection system (IID) for multiple spoofing attacks	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 43-50

21.	Dr. I. Berin Jeba Jingle	Enhanced Algorithms for Mining Optimized Positive and Negative Association Rule from Cancer Dataset	ICTACT Journal	Vol. 8, I. 2	2018	pp. 1583- 1588
22.	Dr. P. Venkadesh	An Efficient Data Storage and Forwarding Mechanism Using Fragmentati	<u>Journal of Computational and Theoretical Nanoscience</u>	Vol. 15	2018, DOI: https://doi.org/10.1166/jctn.2018.7063	pp. 111- 120
		on-Replication and DADR Protocol for enhancing the Security in Cloud				
23.	Dr. P. Venkadesh	Joint Power Allocation and Beam Forming for Energy-Efficient Multi-Way Multi-Antenna Relay Networks	International Journal of Computer Trends and Technology (IJCTT)	Vol. 60, I. 2 ISSN: 2231- 2803	June 2018	pp. 111
24.	Dr. P. Venkadesh	A P-NTRU and secret key sharing techniques of access control scheme for big data storage in cloud	International Journal of Engineering & Technology	Vol. 7, I. 2.33	2018	pp. 813- 817
25.	Dr. P. Venkadesh	Table Cleaning Robot Using GSM and Sensors	International Research Journal of Engineering and Technology (IRJET)	Vol. 05, I. 05, e- ISSN: 2395- 0056	May 2018	pp. 865- 870

26.	Dr.A.M.Anusha Bamini	Advanced billing using QR code	International Journal of Research in Engineering and Bioscience	Vol. 6, I. 3	April 2018	pp. 13-19
27.	Dr.A.M.Anusha Bamini	XSS attack prevention over code injection vulnerabilities in web applications	International Journal of Innovative Technology and Exploring Engineering	Vol. 8, I.8, ISSN: 2278-3075	June 2019	pp. 882-886

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community											Existing Students, Strength						Pass Percentage of outgoing batch				
		F	M		O C	BC	BCM		MBC/DNC		SC		SCA		ST	II		III		IV						
							M	F	M	F	M	F	M	F		M	F	M	F	M	F		M	F		
	UG Programme	4	22																	2	3	1	1	1	6	81%
	PG Courses	3	4																							100%
	M.Phil. Programme																									
	Ph.D Programme																									
	Diploma Certificate Courses (if any)																									
	MOOC/NPTEL/UGC online courses offered																									
	Total																									

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
1.	B.E. (CSE)	15	M.E. (CSE)	03	-	-	-	01	10	11

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

Sl. No.	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		A	Pass	A	Pass	Ap	Pas	Ap	Pas	A	Pass	A	Pass	Ap	Pass	Ap	Pass
1.	B.E	23	3 (13%)	22	6 (27%)	25	5 (20%)	24	5 (21%)	14	6 (43%)	15	4 (27%)	18	11 (61%)	17	15 (88%)

2.	M.E	7	3 (43 %)	5	3 (6 0 %)	3	3 (10 0%)	3	3 (10 0%)	
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17. Placement Details:

Name of the Placement co-ordinator: Dr. P. Venkadesh			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	-	05
2	Number of Placements obtained through Campus Interview	-	05
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:|

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1			

20. Department Meetings Held : BOS,Programme Committee, Course Committee etc.

Sl. No.	CLASS	TYPE	Date of first Circular	DATE OF FIRST MEETING
1	S2 B.E CSE	CLASS COMMITTEE	15/02/2019	18/02/2019
2	S4 B.E CSE	CLASS COMMITTEE	08/01/2019	09/01/2019
3	S6 B.E CSE	CLASS COMMITTEE	07/01/2019	08/01/2019
4	S8 B.E CSE	CLASS COMMITTEE	09/01/2019	10/01/2019
5	S2 M.E CSE	CLASS COMMITTEE	14/02/2019	15/02/2019
6	UG	PROGRAM COMMITTEE	31/01/2019	01/02/2019
7	PG	PROGRAM COMMITTEE	31/01/2019	01/02/2019

BOS MEET (Date/Time)	MEMBERS PRESENT	AGENDA

Internal 7-2-2018 / 10.30 a.m	Dr.JuliaPunitha Malar Dhas -- Chairman HOD,CSE Dept.,NICHE Dr.A.ShajinNargunam -- Dean Director-Academic Affairs Dr.J.AmarPratap Singh -- Professor Director (Admin),NICHE Dr.R.SujiPramila -- Member	1. Examiners panel for practical and projectwork-addition/modification if any 2. Subject expert list for question paper setting-addition/modification if any 3. Examiners panel for theory exam paper valuation-addition/modification if any 4. Analysis of previous semester question and their complexity levels. 5. Queries raised in class committee/programme committee meetings regarding curriculum, syllabus and Question papers.
	Asso.Prof.,CSEDept.,NICHE Dr.J.E.Judith -- Member Asso.Prof.,CSEDept.,NICHE	6. Inclusion of SWAYAM/MOOC online courses 7. Other related matters
External (7-5- 2019 /11.30 a.m)	Dr.JuliaPunitha Malar Dhas -- Chairman HOD,CSE Dept.,NICHE Dr.A.ShajinNargunam-- Dean Director-Academic Affairs Dr.J.AmarPratap Singh -- Professor Director (Admin),NICHE Dr.R.SujiPramila -- Member Asso.Prof.,CSEDept.,NICHE Dr.J.E.Judith-- Member Asso.Prof.,CSEDept.,NICHE Ms.P.O.Sinciya -- Member Asst. Prof.,CSEDept.,NICHE Ms.G.Venifa Mini -- Member Asst. Prof.,CSEDept.,NICHE Dr.R.S.Rajesh--ExternalMember Prof.& Head., CSE Dept., M.S.University. Dr.S.Savithri, -- External Member Senior Principal Scientist, CSIR.	1. To frame the 5 th and 6 th Semester B.E Curriculum & Syllabi for R2017. 2. Other related matters.

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical	Amount (in Rs.)
CSE Lab II	Intel Core i5 7 th Gen., 4GB DDR4 RAM, 1 TB HDD	24	Practical	9.84,000

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1216	7	No. of titles available	28
2	Books added during the year 2018-19	68	8	No. of CDs and Digital Books Available	70
3	No. of Indian Journals/Magazines	7	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	3	11	Average No. of books Issued per day	3
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)		12	Availability of Language Lab	-
			13	NDL membership 5. Faculty members 6. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches :|

25. Consultancies :

26. No. of NET/SET/GATE/CSIR Qualified students: GATE - 01

27. MOUs signed :

28. Innovations and Best Practices :

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	DataBase Management	NPTEL	17	Not Appeared
2	Systems Joy of Computing using Python	NPTEL	09	Not Appeared

NAME OF THE DEPARTMENT: ELECTRONICS & COMMUNICATION ENGINEERING

1. Department Details :

Name of the School	Faculty of Electrical and Electronics Engineering
Name of the HOD, Phone No. and E-mail ID	Dr.R.S.Vinod Kumar
Year of Establishment	1989
Telephone Number	9489823500
Website / E mail	rsvinodkumar@niuniv.com
Special Status : (if any)	

2. Details of Faculty Members:

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.R.S. Vinod Kumar	B.E,M.S,M.E, Ph.D	Associate Professor	Image Processing	26.10	14	rsvinodkumar@niuniv.com 9489823500
2	Dr.N. Santhi	B.E,M.E, Ph.D	Associate Professor	Image Processing	29	14	santhi@niuniv.com 9486085019
3	Dr.S. AmalaShanthi	B.E,M.E, Ph.D	Associate Professor	Image Processing	24.3	14	amalashanthi@niuniv.com 7598446730
4	Dr.G. Arockia Selva Saroja (On Leave)	B.E,M.E, Ph.D	Associate Professor	Image Processing & Adhoc Networks	20.6	14	arockiaselvasaroja@niuniv.com 9443693268
5	Dr. M. Mary SynthuJaiPreetha	B.E,M.E, Ph.D	Associate Professor	Image Processing	12.6	9	marysynthujainpreetha@niuniv.com 9940877271
6	Dr.K.S.Vijula Grace	B.E,M.E, Ph.D	Associate Professor	VLSI & Embedded System	20.8	12	vijulagrace@niuniv.com 9789328789
7	Mr.T. Gopalakrishnan	B.E,M.E, Ph.D	Assistant Professor	Image Processing	16.6	8	gopalakrishnan@niuniv.com 9443508904
8	Ms.K. Chandrakala	B.E,M.E, Ph.D	Assistant Professor	Wireless Communication	10.6	4	chandrakala@niuniv.com 9600336295
9	Mrs.D. Shahi	B.E,M.E, Ph.D	Assistant Professor	Image Processing	12.6	3	shahi@niuniv.com 9487720557
10	Ms.M. Sony (On Leave)	B.E,M.E, Ph.D	Assistant Professor	Image Processing	10	3	sony@niuniv.com 9442059775
11	Dr.S.V.Divya	B.E,M.E, Ph.D	Assistant Professor	Data Mining	11.9	8	divya@niuniv.com
12	Mr.K.P.Rajesh	B.E,M.E, Ph.D	Assistant Professor	Wireless Communication	7.6	8	rajesh@niuniv.com 9994188808

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1	Dr.R.S. Vinod Kumar		2	7	9		12	207	745			-			8
2	Dr.N.Santhi		2	4	6		10	385	1004			-			8
3	Dr.S.Amala Shanthi		1	2	5		4	185	661						4
4	Prof.M.Mary Synthuja Jain Preetha		2	2	7		77	203	708						5
5	Dr.K.S.Vijula Grace		1	5	7		1	170	645						5
6	Prof.T.Gopala krishnan		-	-	5		53	210	628						-
7	Mrs.D. Shahi		-				-	135	451						
8	M. Sony (on leave)						-		344						
9	Rajesh. K. P		-	2	2		-	135	465						

4.. Research Schemes/Projects undertaken (Submitted):

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr. VINOD KUMAR.R. S	TNSCT	Development of Computer Aided Webcam Equipped Liver Cancer Detection System			4,86,000
2	Dr. VINOD KUMAR.R. S	TNSCT	Computer aided Skin Cancer Detection System			4,86,000
3	Dr. N. SANTHI	TNSCT	Classification and Change Detection of Remote Sensing Images in Deep Learning Platform			4,00,000
4	Dr. R. GANESH	TNSCT	A novel Cluster based Energy Cooperative Spectrum Sensing in Cognitive Radio Networks			5,00,000

5. a) Participation of the Faculty members to present papers in Congresses / Conferences / Seminars/ Workshops, Symposia, etc. -

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1				
2				

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr. K. Hariharan, Associate Professor	Department of ECE, Thiagarajar College of Engineering, Madurai.	India	04/05/2019	Guest Lecture on Embedded Computing Platform Design
2	Dr. K. Shunmuganatham, Associate Professor	Department of ECE, Pondicherry Engineering College, Pondicherry	India	26/04/2019	Guest Lecture on Wearable Antennas
3	Dr. B. Sathya Bama Associate Professor	Department of ECE, Thiagarajar College of Engineering, Madurai.	India	12/04/2019	Guest Lecture on Remote Sensing

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.R.S.Vinod kumar	External experts	DC meeting		
2	Dr.N.Santhi	External experts	DC meeting		
3	Dr.S.Amala Shanthi	External experts	DC meeting		
4	Dr.K.S.Vijula Grace	External experts	DC meeting		

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1	Dr.K.S.VijulaGrace	Guest Lecture on Embedded Computing Platform Design	-	04/05/2019
2	Dr.R.S.VinodKumar	Guest Lecture on Wearable Antennas	-	26/04/2019
3	Dr.R.S.VinodKumar	Seminar on Remote Sensing	-	12/04/2019
4	Dr.R.S.VinodKumar	Seminar on Banking Awareness	-	08/01/2019
5	Prof.K.P.Rajesh	Seminar on Robotics with ARDUINO Programming	-	11/02/2019
6	Dr.S.Amala Shanthi	Seminar on „What after Graduation“	-	15/03/2019
7	Prof.K.P.Rajesh	Seminar on Industrial Awareness, SMEC, Trivandrum	-	11/10/2018

8. Publications

S. No	Name of the faculty	Journal Name	Title	Vol /year
	Dr. Vinod Kumar. R. S.	<i>Journal of Advanced Research in Dynamical & Control Systems</i>	Impact of Pulse-Triggered Flip-Flops in Low Power Applications	Vol. 10, No. 01, pp. 298-306, May 2018.
	Dr. Vinod Kumar. R. S.	<i>International Journal of Engineering & Technology.</i>	Artifacts Removal in Melanoma Using Various Pre-processing Filters	Vol. 7, No. 3.27, pp. 104-107, 2018.
	Dr.K.S.Vijula Grace	International Journal of Computer Sciences and Engineering	Review and Study of Intelligent Techniques in Emergency Vehicle Management System	E-ISSN 2347-2693 Volume6, Issue12- Dec-2018 (366-368)
	Dr. N.Santhi	Egyptian Journal of Remote Sensing and Space Science	A novel feature descriptor for automatic change detection in remote sensing images	Science direct- Elsevier Dec, 2018 Article in Press
	Dr.S. Amala Shanthi	Jour of Adv Research in Dynamical & Control Systems	An Optimized Approach for Evaluation of Radiation Hazards from Mobile Tower	ISSN 1943-023x Vol. 10, 03-2018 Pp 1278-1288
	Dr. N.Santhi	International Journal of Simulation: Systems, Science and Technology	Measurement noise analysis of marginalized particle filter for target tracking applications	ISSN: 1473-804X online, 1473-8031 print Dec. 2018 Vol.19 No.05 pp. 32.1-32.14

7.	Dr.K.S.Vijula Grace	International Journal of Research in Advent Technology	Energy-Efficient Approximate Multiplier Design using Bit Significance-Driven Logic Compression	E-ISSN: 2321- 9637 Volume6, Issue11- November2018
8.	Dr. N. Santhi	Engineering Science and Technology, an International Journal	Spatial frequency discrete wavelet transform image fusion technique for remote sensing applications	Science direct Elsevier Jan , 2019 Article in press
9.	Dr.K.S.Vijula Grace	Journal of Computational and Theoretical Nanoscience	Resistive Open Fault and Detection Methods for Low Power Nanometric ICs	Vol. 16, 1–3, 2019
10	Dr.K.S.Vijula Grace	International journal of Engineering and Technology	Low power multiply accumulate unit based on modified hybrid Han Carlson adder	8(1) 2019 (1-7)
11	Dr. K.S.Vijula Grace	International Journal for Scientific Research and Development	Implementation of an Algorithms for Improve the Quality of MemoryBuilt-InSelf- TestTools	pISSN/ E-ISS 2321-0613 pp 1840- 1844
12	Dr.S. Amala Shanthi	International Journal of Innovative Technology and Exploring Engineering	Shielding Effectiveness of Aluminium Sheet for Radiation Hazard from cell Tower	8(5)189-195 2019
13	Dr.Vinod Kumar. R. S.	International Journal of Engineering and Advanced Technology	A Novel Design of Synchronous Counter for Low Power and High Speed Applications“	Vol. 8, issue. 4, April 2019
14	Dr.Vinod Kumar. R. S.	Indonesian Journal of Electrical Engineering and Informatics	Effect of Clock Gating in Conditional Pulse Enhancement Flip-Flop for Low Power Applications (Accepted).	2019
15	Dr.Vinod Kumar. R. S.	<i>International Journal of Biomedical Engineering and Technology</i> (Accepted).	Performance Analysis of Preprocessing Filters Using CT Images for Liver Lesion Diagnosis	2019

16	Dr. Vinod Kumar. R. S.	Journal of Engineering Science and Technology (Accepted).	Design of Conditional Pulse Enhancement Flip-Flop Embedded with Clock Gating and Signal Feed-through Mechanism	2019
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9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filing	Application No.	Sanctioned No.
1	Mrs. M. S. SUMI	AN ENERGY EFFICIENT CLUSTER BASED COOPERATIVE SPECTRUM SENSING WITH MINIMUM DISTANCE CRITERIA IN COGNITIVE RADIO NETWORKS	27/06/2019	201941025599	
2	Mrs. N. SHANILA	ARTIFICIAL INTELLIGENCE BASED LIVER CANCER DETECTION SYSTEM	27/06/2019	201941025614	

10. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch	
		F	M		OC	BC	BCM		MBC/DNC		SC		SCA		ST	II		III		IV				
							M	F	M	F	M	F	M	F		M	F	M	F	M	F	M		F
	UG Programme	4	8	12	3	2	5	2	-	-	-	-												65
	PG Courses	2	-	2				2																100
	M.Phil. Programme																							
	Ph.D Programme	3	4	7	1	1	2	3																
	Diploma Certificate Courses (if any)																							
	MOOC/NPTEL/UGC online courses offered																							
	Total	9	12	21	4	3	7	7	-	-		-												

11. Publications of Books/Monographs: Nil

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	UG Programme	Indian	Kerala	7	6	13

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
	B.E	Total	M.E	Total	FT	PT	Total	FT	PT	Total
	6	6	3	3				-	3	3

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded:

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	DST Inspire	JRF	-	1	1
2	Maulana Azad minority scholarship	JRF	-	1	1

15. Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students:

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.E	11	3	11	2	7	4	7	4	14	9	14	4	9	6	9	7

17. Placement Details:

Name of the Placement co-ordinator : Rajesh.K.P			
Phone/Mobile Number :		9994188808	
		e-mail: kpr.gulf@gmail.com	
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	4	2
2	Number of Placements obtained through Campus Interview	4	2
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	4:6	2:3

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.N.Santhi	Rula Ratna Award	IJRULA

19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	Dalmiya C. P.	Rula Ratna Award	IJRULA

20. Department Meetings Held : BOS, Programme Committee, Course Committee etc.

S.No	Name	Date	
1.	Programme Committee	2018-2019 (ODD)	2018-2019 (EVEN)
		06/07/18	11/01/19
		09/08/18	12/02/19
		24/10/18	15/04/19
	BOS meetings	5/02/19 4/05/19	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	DSP LAB	ORCAD SOFTWARE	5 USER	PRACTICAL

22. Extension activities carried out :Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1		-	-	-

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: T. Gopalakrishnan

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1617	7	No. of titles available	1245
2	Books added during the year 2019	71	8	No. of CDs and Digital Books Available	59
3	No. of Indian Journals/ Magazines	59	9	No. of Foreign Magazines/Journals	28
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	6	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	100M bps	12	Availability of Language Lab	13
			13	NAD membership 7. Faculty members 8. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	LCD projector	SONY	1				
		EPSON	1				

24. Collaborative Researches: Research proposal submitted**25. Consultancies:**Nil**26. No. of NET/SET/GATE/CSIR Qualified students:**Nil**27. MOUs signed:**Nil**28. Innovations and Best Practices:**Nil

29. Academic Flexibility:

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Digital electronics	NPTEL	1	Result Awaited
2.	Electromagnetic waves in guided and wireless	NPTEL	2	
3.	media	NPTEL	1	
4.	Microprocessor and Microsystems	NPTEL	9	
5.	CMOS Digital VLSI Design Micro Processors and micro controllers	NPTEL	14	

30. Others

SI.NO	Name	Title of the Program	Duration
8.	Dr. Vinod Kumar.R.S	Seminar on Outcome Based Education	11/2/2018
9.	Dr. S. Amala Shanthi	Seminar on Outcome Based Education	11/2/2018

NAME OF THE DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING

1. Department Details :

Name of the School	Electrical and Electronics Engineering
Name of the HOD, Phone No. and E-mail ID	Dr.J.ArulLinsely
Year of Establishment	1993
Telephone Number	9486856130
Website / E mail	www.niueee.in

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.J.ArulLinsely	B.E(ECE), M.E, Ph.D	Associate Professor/HOD	Applied Electronics	20Y 8 M		9486856130 arullinsely@gmail.com
2	Dr.P.Sujatha Therese	B.E(EEE), M.E, PhD	Professor	Process Control & Instrumentation	17Y 9M		9443165780 psujathatherese@yahoo.in
3	Ms.F.Shamila	BSc. Engg, MSC Engg (By Research)	Associate Professor	Power System	35Y 2 M		9037552800 shamisalim@yahoo.com
4	Dr.M.MarySyntia Regis Prabha	B.E (EEE) M.Tech, Ph.D	Associate Professor	Power Electronics and Drives	17Y 2M		9940877270 regisprabha@gmail.com
5	Dr.M.P.Flower Queen	B.E (EEE) M.E, Ph.D	Associate Professor	Applied Electronics	18Y 1M		9486680636 flower_aurther@rediffmail.com
6	Dr.S.Anitha Janet Mary	B.E (EEE) M.E, Ph.D	Associate Professor	Process Control & Instrumentation	15Y 7M		9524633365 ani27_simon@yahoo.com
7	Dr.TibbiePonSymon	B.Tech (EEE) M.E	Assistant Professor	Power Electronics	13Y 6M		7598283003 tibbiesymon@gmail.com
8	Ms.Bindhu V.S	B.E (EIE) M.E	Assistant Professor	Power Electronics	9Y 10M		9629209153 bindhuvs2003@gmail.com
9	Dr.K.Muthuvel	B.E (EEE) M.E, Ph.D	Assistant Professor	Electronics and Control	16Y 9M		9444146936 er.muthuvel@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr.P.Sujatha Therese		-	-	2		-				-		-		-
2.	Prof.F.Shamila		-		5		-				-		-		-
3.	Dr.J.Arulinsely		1		1		-				-		-		-
4.	Dr.MarySynthia Regis Prabha		1				3								
5.	Dr.M.P.Flow er Queen		1				6 -				-		-		-
6.	Dr.S.Anitha Janet Mary		1				2				-		-		-
7.	Dr.V.A.Tibbi ePonSymon		1		8		3								
8.	Prof.V.S.Bin dhu		-	1	2		-				-		-		-
9.	Dr.K.Muthu vel	2	2	1	10	6	22				-		-		-

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1.	Dr.P.Sujatha Therese	International Conference on Networks,Image and Security,NICHE	U-slot Microstrip Patch Antenna with wireless communication for Bluetooth. Application	10 th & 11 th April 2019
2.	Dr.P.Sujatha Therese	Workshop on e-resources		25 th June 2019
3.	Dr.P.Sujatha Therese	FDP on Control Engineering (NPTEL Online Course)		Jan-March 2019 (12 weeks)
4	Dr.K.Muthuvel	Training on counseling Skills at MS University		18-24 July 2019
5	Dr.S.Anitha Janet Mary	International Seminar on Applications of Fuzzy in Intelligence System and Optimizatio Techniques		7 th Dec 2018
6	Dr.S.Anitha Janet Mary	Two Day Workshop on LaTeX		24 th and 25 th June 2019
7	Prof.F.Shamila	International Seminar on Applications of Fuzzy in Intelligence System and Optimizatio Techniques		7 th Dec 2018
8	Prof.F.Shamila	Two Day Workshop on LaTeX		24 th and 25 th June 2019
9	Dr.TibbiePonSymon	Basic Life Support and First aid Skills		28 th March 2019
10	Bindhu V.S	Basic Life Support and First aid Skills		28 th March 2019
11	Bindhu V.S	Two Day Workshop on LaTeX		24 th and 25 th June 2019
12	Flower Queen M.P	Workshop on e-resources		25 th June 2019

13	Flower Queen M.P	FDP on Control Engineering (NPTEL Online Course)		Jan-March 2019 (12 weeks)
14	Dr.J.ArulLinsely	Basic Life Support and First aid Skills		28 th March 2019
	Dr.J Arul Linsely	Workshop on women based education	Workshop on outcome based education	11/2/2018

b) Foreign Faculty/Expert visit to the Department:000

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.J.ArulLinsely	Chair person	I-PACT 2019	Image Processing	22-03-2019 Vellore Institute of technology, Vellore

7. Details of Seminars, Conferences and Refresher courses Organised:

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1				

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(p p)
1.	Dr.P.Sujatha Therese	Optimal Design and Analysis of various shapes Microstrip Antennas Using Evolutionary Algorithms	0974-3154	12(1)	2019	58-65
2	Mary Synthia Regis Prabha D.M.	Analysis of EMI Reduction in Optimised Boost Converter Using Analogue PWM Chaotic Technique	2277-3878	7	2019	160-164

3	Mary Synthia Regis Prabha D.M.	Power and power factor control strategies of hybrid energy system using PID controller	1943-023X	10	2018	340-352
4	V.S.Bindhu	Power and power factor control strategies of hybrid energy system using PID controller	1943-023X	10	2018	340-352
5	Mary Synthia Regis Prabha D.M.	Cuttlefish optimization control of solar PV array fed landsman converter		10	2018	235-246
6	Mary Synthia Regis Prabha D.M.	Grey wolf algorithm optimized solar PV array fed Landsman converter		10	2018	207-216
7	Mary Synthia Regis Prabha D.M.	Modern optimization based controller design for boost converter using soft computing techniques		10	2018	127-135
8	Mary Synthia Regis Prabha D.M.	A speed control of DC motor with PWM using microcontroller in hardware in loop		10	2018	116-119
9	Mary Synthia Regis Prabha D.M.	Crow Search Optimized Control of Photovoltaic Array Fed Landsman Converter for Industrial Applications		18	2018	3525-3544

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch		
		F	M		OC		BC		BCM		MBC/DNC		SC		SCA		ST		II		III			IV	
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
	UG Programme		12				7		3		2							7		4		1	9		
	PG Courses																								
	M.Phil. Programme																								
	Ph.D Programme																								
	Diploma Certificate Courses (if any)																								
	MOOC/NPTEL/UGC online courses offered																								
	Total																								

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	UG Programme	Indian	Kerala	11	1	

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.			
		Total		Total	FT	PT	Total		FT	PT	Total

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded:

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.E(EE E)	12	2	10	3	7	1	7	-	5	1	5	1	9	7	9	8

17. Placement Details:

Name of the Placement co-ordinator: Dr.K.Muthuvel			
Phone/Mobile Number :94441 46936e-mail:er.muthuvel@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	0
2	Number of Placements obtained through Campus Interview	0	0
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	11	0

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1			

**20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.**

S.No	Name	Date	
1.	BOS	02.02.2019	Fifteenth
2.	BOS	27-04-2019	Sixteenth
1.	Course Committee	27-2-19 25-3-19	
	Programme Committee etc.	4-7-19 10-8-18 22-10-18	
	Class committee	4-2-19 5-3-19 10-4-19 6-8-2018 20-9-2018 26-10-2018 4-2-2019 28-2-2019 19-4-2019	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1296	7	No. of titles available	1296
2	Books added during the year 2018-19	48	8	No. of CDs and Digital Books Available	15
3	No. of Indian Journals/Magazines	15	9	No. of Foreign Magazines/Journals	nil
4	No. of data bases available	4	10	No. of Online Journals	nil
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	10
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	nil	12	Availability of Language Lab	nil
			13	NDL membership 1. Faculty members 2. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches : Providing technical support for 130 KW solar plant at NIMS

Hospital

25. Consultancies : Continuous maintenance of 10KW solar electric plant at marine boys hostel of NIU Campus

26. No. of NET/SET/GATE/CSIR Qualified students: Nil

27. MOUs signed : Nil

28. Innovations and Best Practices : Nil

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

NAME OF THE DEPARTMENT: ELECTRONICS & INSTRUMENTATION ENGINEERING

1. Department Details :

Name of the School	Electronics & Instrumentation Engineering
Name of the HOD, Phone No. and E-mail ID	Dr. S. S. Kumar, 9789546665, kumarss@live.com
Year of Establishment	1997
Telephone Number	
Website / E mail	

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.S.S.Kumar	M.E. Ph.D	Associate Professor	Applied Electronics	15	11	kumarss@live.com , 9789546665
2	Dr. V. Amsaveni	M.E. Ph.D	Associate Professor	Applied Electronics	13.3	8	amsa.kumar@ymail.com, 9790653295
3	Dr.D. Menaka	M.E, Ph.D	Associate Professor	Applied Electronics	15.2	8	menakaberita@gmail.com , 9787002920
4	Ms.R.Manju	M.E (Ph.D)	Associate Professor	Applied Electronics	14.5	10	manjuria.7@gmail.com , 9994104539
5	Dr.R.Sarath	M.E. Ph.D	Assistant Professor	Applied Electronics	12.6	10	sarathraveendran@gmail.com/9443791259
6	Dr. S. Felix Stephen	M.E. Ph.D	Assistant Professor	Control & Instrumentation	11.3	8	felixstephensfs@ymail.com , 9486117668
7	Ms. S. BinuSathiya	M.E (Ph.D)	Assistant Professor	Applied Electronics	11.7		Katrina.sati@gmail.com , 9384734365

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publication		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1	S.S.Kumar	11	9	8	50	97	450	250	350			3	3		8
2	V. Amsaveni	2	2	-	8	-	28	155	295	--	-	--	-	-	-
3	D. Menaka	2	2	1	11	3	8	421	400						1
4	R.Manju	-	1	-	10	-	5	230	254						

5	R.Sarath	2	2	-	4	2	11	230	335						
6	S. Felix Stephen	1	1	2	05			225	330						
7	S. BinuSathiya	1	1	2	8	0	18	260	328						

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	S. S. Kumar	IEEE International Conference on Circuits and Systems in Digital Enterprise Technology	Performance of Implicit Pulsed Flip-Flops in Low Power and High Speed Applications	21 st and 22 nd Dec 2018
2	S. S. Kumar	International Conference on Frontiers in Analytical and Clinical Techniques	Performance of Implicit Pulsed Flip-Flops in Low Power and High Speed Applications	24 th and 25 th January 2019
3	D. Menaka	International Conference on Networks, Image & Security	Deep Convolutional Neural Networks for Computer Aided Detection & Diagnosis of Brain Tumor	10 th & 11 th April, 2019
4	D. Menaka	International Conference on Recent Advances in Engineering & Technology	Automatic Generation Control of Two Area Power System using Adaptive Neuro Fuzzy Controller	12 th April 2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. S. S. Kumar	Chair Person	International Conference	ICNIS 2019	Dept. of IT, NICHE, 10-04-2019

7. Details of Seminars, Conferences and Refresher courses Organised:

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1.	Dr. R. Sarath	GAIN-2019	State Level	One day
2.	Dr. S. S. Kumar	Automation Training Program on PLC - 2019	State level	Six days 7 th to 12 th Jan 2019
3.	Dr. S. S. Kumar	Job Domain-industrial Automation - 2018	State level	One day 11-10-2018
4.	Dr. S. S. Kumar	One day seminar on DCS	State level	One day 27-09-2018

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page (pp)
1.	Priya P Sajan, S.S. Kumar	GVF snake algorithm-a parallel approach	International Journal of Engineering & Technology (UAE), ISSN: 2227-524X	Vol 7, No 1.1	2018	101-105
2.	S. L. SenthilLekha, S. S. Kumar	Classification and Mapping of Land Use Land Cover change in Kanyakumari district with Remote Sensing and GIS techniques	International Journal of Applied Engineering Research, ISSN 0973-4562	Volume 13, Number 1	2018	158-166
3.	MuhammedAnshad, P.Y., Kumar SS	Automatic segmentation of chondroblastoma from X-ray images using active contour and levelset method	International Journal of Engineering and Technology(UAE), ISSN: 2227-524X	Volume 7 (2)	2018	140-143
4.	SenthilLekha, S.L., Kumar SS	Selection of suitable supervised classification techniques for the geographic analysis of land using GIS techniques	International Journal of Engineering and Technology(UAE), ISSN: 2227-524X	Vol.7 (3)	2018	82-90
5.	SukumaranA swathy, GlanDevadh as G and Kumar S S	An improved tumor segmentation algorithm from T2 and flair multimodality MRI brain images by support vector machine and genetic algorithm	Cogent Engineering, ISSN 2331-1916 Engineering Sources		2018	

6.	S. U. Aswathy, G. GlanDevadhas and S. S. Kumar	Brain tumor detection and segmentation using a wrapper based genetic algorithm for optimized feature set	Cluster Computing, ISSN: 1386-7857 (print version), ISSN: 1573-7543 (electronic version)		2018	1-12
7.	Anshad, P.Y.M., Kumar, S.S. & Shahudheen, S.	Segmentation of chondroblastoma from medical images using modified region growing algorithm	Cluster Computing, ISSN: 1386-7857 (print version), ISSN: 1573-7543 (electronic version)		2018	1-8
8.	S.FelixStephen, I.JacobRaglend	PI control of STATCOM with Bat Algorithm	Journal of Advanced Research in Dynamical & Control Systems, ISSN: 1943-023X	Vol.10, Issue 5	2018	171-180
9.	S.FelixStephen, I.JacobRaglend	Voltage Regulation using STATCOM with PI and Adaptive PI Controls	International Journal of Engineering and Technology (UAE), ISSN: 2227-524X	Vol.7, Issue 3.31	2018	178-182
10.	Nithila, E.E., Kumar, S.S.	Segmentation of lung from CT using various active contour models	Biomedical Signal Processing and Control, ISSN: 1746-8094	Vol 47	Jan 2019	57-62

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1	Dr.S.S.Kumar	Artificial Intelligence based Liver Cancer Detection System	27/06/2019	201941025614	
2	Dr.RManju	An Algorithmic Approach based FO-PID Tuning of a Real Time Conical Tank Process used in Waste Water	27/06/2019	201941025603	
3	Dr.G.ArocikaSelvaSaroja	Automatic Speed Control System in Automobiles using RF signal	27/06/2019	201941025604	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch		
		F	M		OC		BC		BCM		MBC/DNC		SC		SCA		ST		II		III			IV	
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
	UG Programme	2	3	3	2		3											9		1		8	2	60	
	PG Courses		3	3			3											3						66.67	
	M.Phil. Programme																								
	Ph.D Programme																								
	Diploma Certificate Courses (if any)																								
	MOOC/NPTEL/UGC online courses offered																								
	Total	2	3	5	2		3											1		1		8	2		

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E(EIE)			27		27
2	M.E(CIE)			1		1

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.				
		Total		Total		FT	PT	Total		FT	PT	Total
1	5	5	3	3							3	

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded:

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
Total								

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.E – EIE	10	01	10	01	09	02	09	03	14	04	15	02	10	06	10	05
2	M.E – CIE	-	-	-	-	03	02	03	03	-	-	-	-	-	-	-	-

17. Placement Details:

Name of the Placement co-ordinator: Prof. J. NavisThinagar			
Phone/Mobile Number :9962557742 e-mail:navis.thinagar@gmail.com			
Number of Placement Programmes: 02			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	04	02
2	Number of Placements obtained through Campus Interview	02	02
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	0.5	1

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. S. S. Kumar	Outstanding Reviewer	Elsevier, Netherlands

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1.	Mohammed Yasin	Second Prize for Huffle Puff	Saveetha Engineering College, Chennai
2.	AjasAhammed	Third Prize for Patronus	Saveetha Engineering College, Chennai
3.	Bobin. B Paul	Second Prize for Huffle Puff	Saveetha Engineering College, Chennai
4.	Fayaz. M	Second Prize for Huffle Puff	Saveetha Engineering College, Chennai
5.	AlbiNinanKurian	Third Prize for Patronus	Saveetha Engineering College, Chennai

**20. Department MeetingsHeld :
BOS,Programme Committee, Course Committee etc.**

S.No	Name	Date	
1.	BOS	04-05-2019, 05-02-2019	
2.	Programme Committee etc.	21-04-2019, 01-03-2019, 02-02-2019, 29-10-2018, 12-09-2018, 27-07-2018	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Dr. D. Menaka

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1145	7	No. of titles available	30
2	Books added during the year 2018-19	30	8	No. of CDs and Digital Books Available	2
3	No. of Indian Journals/ Magazines	15	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	55 (IEEE)
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	8 Mbps	12	Availability of Language Lab	-
			13	NDL membership 9. Faculty members 10. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1.	Computer	Pentium Dual Core	12	7.	Network	Ethernet	6
		Pentium D	9				
		Lenovo I3	3				
2.	Laptops	Pentium Dual Core	1	8.	Fax		-
3.	Printer		-	9.	Smart Class		1
4.	LCD Projector	Hp	1	10.	Software/ Data base		LabVIEW
		EPSON	1				

24. Collaborative Researches :

25. Consultancies :

26. No. of NET/SET/GATE/CSIR Qualified students:

27. MOUs signed :

28. Innovations and Best Practices : Industry Certified Training for Students

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1.	Control systems	NPTEL	13	-
2.	Process control	NPTEL	9	-
3.	Signals and systems	NPTEL	7	-

30. Others

SI.NO	Name	Title of the Program	Duration
1.	S. S. Kumar	Workshop on Outcome Based Education	11/2/2018
2.	S. S. Kumar	Basic Life Support and First Aid Skills	3/28/2019
3.	D. Menaka	Workshop on Outcome Based Education	11/2/2018
4.	D. Menaka	One day seminar on “Applications of Fuzzy in Intelligence System and Optimization Techniques”	12/7/2018
5.	D. Menaka	Creative Thinking	11-2-2019 to 12-02-2019
6.	D. Menaka	Two days Workshop on LaTeX	24-06-2019 to 25-06-2019
7.	D. Menaka	Workshop on e-Resources	6/25/2019
8.	R. Manju	Workshop on Outcome Based Education	11/2/2018
9.	R. Sarath	Workshop on Outcome Based Education	11/2/2018
10.	S. Felix Stephen	Workshop on Outcome Based Education	11/2/2018
11.	S. Binu Sathiya	One day seminar on “Applications of Fuzzy in Intelligence System and Optimization Techniques”	12/7/2018
12.	S. Binu Sathiya	Creative Thinking	11-02-2019 to 12-02-2019
13.	S. Binu Sathiya	Two days Workshop on LaTeX	24-06-2019 to 25-06-2019

NAME OF THE DEPARTMENT: ENGLISH

1. Department Details :

Name of the School	Faculty of Science and Humanities
Name of the HOD, Phone No. and E-mail ID	Prof. A. Khaleel Rahuman , 9486840283 , khaleelniu@gmail.com
Year of Establishment	1989
Telephone Number	9486840283
Website / E mail	Nil
	Nil

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					each in teaching	Research	
1.	Dr. M. L. Narayanan	M.A., M. Phil. Ph.D., D.Lings	Prof.	Indian Writing in English	43	6	rush to ml@yahoo.com
2.	Dr. B. Krishnan	M.A., M. Phil., Ph.D.	Prof.	British Literature	43	6	krishnan_b_ngl@yahoo.co.in
3.	Dr. M. Ilankumaran	M.A., M. Phil. M.Com., MBA Ph.D.	Prof. & Research Programme Coordinator	ELT	13	10	mikumaran@yahoo.com 9443482904
4.	Prof. A. Khaleel Rahuman	M.A., M. Phil.	Associate Prof. & HOD	American Literature Postmodernism	25	11	khaleelniu@gmail.com 9486840283, 9486507559
5.	Ms. P. Deepa	M.A., M. Phil.	AP	ELT	13	7	deepam_nice@rediffmail.com 9994850845
6.	Dr.V. S. Bindhu	M.A., M. Phil.	AP	Indian Writing in English	11	7	bindhuniu@gmail.com 9442364135
7.	Ms. J. Sheila	M.A., M. Phil. M.A., M.Sc.	AP	Canadian Literature	18	4	jsheilasofi@gmail.com 9445150802
8.	Dr. G. Anand Binod Singh	M.A., B.Ed., M. Phil.	AP	Indian Writing in English	11	4	Anand_gk79@yahoo.co.in
9.	Ms. M. Kohila	M.A., B.Ed., M. Phil.	AP	Indian Writing in English	11	3	Kohisatha2005@gmail.com 9488272334
10.	Mr. M. Rakesh Babu	M.A., B.Ed., M.Phil.	AP	Canadian Literature	09	6	rakeshbabukarthika@gmail.com 9543440488

11.	Dr. R. Jinu	M.A., M. Phil., Ph.D.	AP	Subaltern Literature	13	4	jichelnu@gmail.com 9442079534
12.	Ms. T. Deebika Cranapu	M.A., M.Phil.	TA	Indian Writing in English	02	-	deebst2014@gmail.com 9500865626
13.	Ms. G. Jeba Subha	M.A., M.Phil.	TA	African Literature	03	01	jeba.gjs@gmail.com
14.	Ms. S. Shafrina	M.A., NET	AP	British Literature	01	-	shafrinas23@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr. M. L. Narayanan	-	-			-	-	-	-	-	-	-	-	-	-
2.	Dr. B. Krishnan	-	-	01		-	-	-	-	01	01	-	-	01	-
3.	Dr. M. Ilankumaran	7	7	21	21		97			03		-	-		
4.	Prof. A. Khaleel Rahuman	-	-	03		-	-			-	-	-	-	-	-
5.	Ms. P. Deepa		1		08		09			-	-	-	-	-	-
6.	Dr. V.S. Bindhu	-	-		07	-	-			01		-	-	01	04
7.	Ms. J. Sheila	-	-		04	-	-			-	-	-	-	-	-
8.	Ms. M. Kohila	-	-	-	04	-	-			-	-	-	-	-	-
9.	Mr. M. Rakesh Babu	-	-	-	07	-	-			01		-	-	01	04
10.	Dr. R. Jinu	-	-	-	04	-	-			01		-	-	01	04
11.	Ms. T. Deebika Cranapu	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	Ms. G. Jeba Subha	-	-	02	-	-	-	-	-	-	-	-	-	-	-
14.	Ms. S. Shafrina			01	-	-	-	-	-	-	-	-	-	-	-

4. Research Schemes/Projects undertaken : NIL

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1				
2				

b) Foreign Faculty/Expert visit to the Department: NIL

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1					

7. Details of Seminars, Conferences and Refresher courses Organised : NIL

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page (pp)
	Dr. B. Krishnan	The Universality of Themes and the Uniqueness of Language in David Mamet's Plays	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp.143-154

	Dr. M. Ilankumaran	English Language Teaching: Challenges and Strategies from the Indian Perspective	International Journal of Engineering and Technology (IJET) 2227-524X		July, 2018	Scopus pp. 202-205
		Theories, Techniques, Methods and Approaches of Second Language Acquisition: A Psychological Perspective	International Journal of Engineering and Technology (IJET) 2227-524X		July, 2018	Scopus pp.192-197
		Application of Theories, Techniques, Methods and Approaches to Develop Second Language Skills– A Study based on Transition from Schooling to College	International Journal of Engineering and Technology (IJET) 2227-524X		July, 2018	Scopus pp. 210-215
		Teaching Literature Enhances Communication Skills – A Study with Special Emphasis on Poetry	International Journal of Engineering and Technology (IJET) 2227-524X		July, 2018	Scopus pp. 187-191
		Developing Communication Skills of Students – An Analysis on Pragmatic Performance	International Journal on Studies in English Language and Literature(IJSELL) 2347-3134		July, 2018	Referred PP 26-31
		The Role of Media in Enhancing Communicative Competence of the Learners at Tertiary Level – An Analytical Study	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 655-659
		Business English: The Quintessence of the Corporate World	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp.608-612
		Teaching Poetry Enhances Speaking Skills – An Analysis based on Select Poems	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 619-623

		Developing Productive Skills through Receptive Skills – A Cognitive Approach	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 669-673
		Developmental Speaking as A Strategy to Enhance Communicative Skills – A Cognitive Based Approach	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 613-618
		Second Language Acquisition and Mother Tongue Influence of English Language Learners – A Psycho Analytic Approach	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 497-500
		Enriching Cognizance at the Tertiary Level Students During Transition	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 665-668
		Second Language Acquisition Through Neurolinguistic Programing: A Psychoanalytic Approach	International Journal of Engineering and Technology (IJET)		Nov. 2018	Scopus pp. 624-629
		The Role of Students in Transition from School to College: Different Challenges in ELT	International Journal of Engineering and Technology (IJET) 2227-524X		Nov. 2018	Scopus pp. 630-635
		Psychological Factors Permeating Global Literature – An Overview	International Journal of English Language and Literature in Humanities (IJELLH) 2321-7065		Dec. 2018	Refe reed pp.8 -16
		Pedagogical Approach and Strategies of English Language Teaching through Global Literature	International Journal of English Language and Literature in Humanities (IJELLH) 2321-7065		Dec. 2018	Refe reed pp. 52-59
		World Literature as a Tool for Learning English in the	International Journal of English Language and Literature in		Dec. 2018	pp.8 9-96

		Classroom Environment	Humanities (IJELLH) 2321-7065			
		Content Based Instruction: A Tool to Develop Communication Skills pp. 175-182	Literatures in English for Cross Cultural Communication 81-923842-5-2978-		Nov. 2018	
		Developing Communication Skills using Developmental Speaking as a Technique	Literatures in English for Cross Cultural Communication 978-81-923842-5-2		Nov. 2018	pp. 254-261
		Process and Techniques to Improve Memory Power in Second Language Acquisition	Literatures in English for Cross Cultural Communication 978-81-923842-5-2		Nov. 2018	pp. 189-196
		The Struggling ESL Learners: A Study on Difficulties in Language Learning at Tertiary Level	Literatures in English for Cross Cultural Communication 978-81-923842-5-2		Nov. 2018	pp. 197-205
		Developmental Speaking Processes in Second Language Acquisition	International Journal of English Language, Literature In Humanities (IJELLH) 2321-7065		March 2019	pp.93-102
	Prof. A. Khaleel Rahuman	<u>Journeying Through the Walden: Henry David Thoreau, Walden and His Life's Philosophy</u>	International Journal of English Language, Literature in Humanities - IJELLH ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp. 1071-1086
		<u>Colonial Encounter and Collapse of Things in Chinua Achebe's Things Fall Apart</u>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp.1095-1110
		<u>Bildungsroman: A Study of Mark Twain's The Adventures of Tom Sawyer</u>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp.898-907
	Ms. P. Deepa	Male Hegemony and Female Subordination and Patriarchal Dictates: A	International Journal of English Language, Literature in	Vol. 7 Issue :3	March 2019	pp.185-195

		Study of Khaled Hosseini's <i>A Thousand Splendid Suns</i>	Humanities ISSN-2321-7065			
		Enriching Speaking Skills Through Teaching Poetry As A Genre: An Analysis Based on A Select Poem	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp.170-181
		Caste Discrimination in Mulk Raj Anand's <i>Untouchable</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp.746-751
		Portrayal of Women's Suffering in Bama's <i>Sangati</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	pp.752-758
	Dr. V.S. Bindhu	<u>Examining The Theme of Rage and Predilection in Anita Nair's <i>Mistress</i></u> 2019-03-28	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol. 7 Issue :3	March 2019	
		<u>Forseeings of Dystopian Literature: A Voyage through Two Non- Fiction Works <i>Mumbai Fables</i> and <i>Dongri toDubai</i></u> 92019-03-28	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol.7 Issue 3	March 2019	
		<u>Rebellion against Power in Suzanne Collins' <i>The Hunger Games Trilogy</i></u>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol.7 Issue 3	March 2019	
		<u>Interpolation of Mythical Elements in Girish Karnad's Select Plays : <i>Hayavadana</i> and <i>Nagamandala</i></u>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol.7 Issue 3	March 2019	
		<u>Cultural Crisis in Anita Nair's <i>Ladies Coupe</i></u>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol.7 Issue 3	March 2019	

		The Cause and Effect of Vacuum in Nadifa Mohamed's <i>The Orchard of Lost Souls</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Vol.7 Issue 3	March 2019	
	Ms. J. Sheila	Assertion of Feminist Trait in Margaret Laurence's <i>The Stone Angel</i>	International Journal of English Language, Literature in Humanities	Vol.7 Issue 3	March 2019	pp.891-869
		A Scrutiny on the Voiceless Community in Mulk Raj Anand's <i>Coolie</i>	International Journal of English Language, Literature in Humanities	Vol.7 Issue 3	March 2019	pp. 196-203
	Ms. M. Kohila	Terrorism and the Creation of Discord: A Study of the Select Novels of Bharati Mukherjee	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	Vol.7	March 2019	pp. 791-802
		Female Suppression and Male Domination in Vijay Tendulkar's <i>Silence! The Court is in Session.</i>	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	Vol.7 Issue 3	March 2019	pp 215-222
		Gender Discrimination in Shashi Deshpande's <i>The Dark Holds No Terrors.</i>	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	Vol.7 Issue 3	March 2019	pp 297-305
		Autobiographical Elements in Bama's <i>Karukku.</i>	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	Vol.7 Issue 3	March 2019	pp 1227-1232
	Dr. Rakesh Babu. M	From Rote Learning to Meaningful Learning :Ausubel's Advance Organizer Model for Effective Second Language Learning	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	Special Issue	April 2018	
		Multifaceted Oppression on Little Heart :A Plunge into Toni Morrison's <i>The</i>	International Journal of English Language, Literature in Humanities IJELLH	Vol.7 Issue 3	March 2019	

		Bluest Eye	ISSN-2321-7065			
		Pronunciation Fallacies in ESL Learners of Tamilnadu	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	Vol.7 Issue 3	March 2019	
		Entrapment, Quest for Identity and Self Actualization :A Study of Chitra Banerjee Divakaruni's Oleander Girl	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	March 2019	Special Issue	
		Re-reading Michael Ondaatje's The English Patient as war novel	International Journal of English Language, Literature in Humanities IJELLH ISSN-2321-7065	March 2019	Special Issue	
		Dogme ELT:A Constructive Method to teach English Language	Literary Endeavour	2019		
		Dilemmatic Life Situation of Youngsters in Chetan Bhagat's <i>The Three Mistakes of My Life</i>	Literary Endeavour	2019		
	Dr. R. Jinu	<u>Image on Women and Marriage in Jane Austen's <i>Pride and Prejudice</i></u>	International Journal of English Language, Literature in Humanities - IJELLH ISSN-2321-7065	Vol. 7 Issue :3		pp.837-842
		<u>NLP Techniques to Enhance L2 Learning</u>	International Journal of English Language, literature in Humanities - IJELLH ISSN-2321-7065	Vol. 7 Issue :3		pp.301-310
		A Feministic Reading on Abraham Varghese's <i>Living Dowry</i>	International Journal of English Language, Literature in Humanities - IJELLH ISSN-2321-7065	Vol. 7 Issue :3	Special Issue	pp.2-9
	Ms. G. Jeba Subha	Existential Predicaments in Yann Martel's <i>Life of Pi</i>	International Journal of English Language, Literature in Humanities	July 2018	Special Issue	pp.234-238

	Ms. S. Shafrina	The Epistemology of Storytelling in Rushdie's <i>Haroun and the Sea of Stories</i>	International Journal of English Language, Literature in Humanities	July 2018	Special Issue	286-296
		Toughness Knows No Gender – A Study of The Toughest Women In <i>Game of Thrones</i>	International Journal of English Language, Literature in Humanities	March 2019	Vol. 7, Issue 3	306-314

9. Details of patents applied/registered: NIL

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs: NIL

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength			Pass Percentage of outgoing batch				
		F	M		O	C	BC	BCM	MBC/DNC		SC		SCA		ST	II		III			IV			
									M	F	M	F	M	F		M	F	M	F			M	F	M
	UG Programme	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PG Courses				0	-	-	0	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-
	M.Phil. Programme	0	01	08																				
	Ph.D Programme			14																				
	Diploma Certificate Courses (if any)	NIL	NIL	NIL																				
	MOOC/NPTEL/UGC online courses offered	NIL	NIL	NIL																				
	Total																							

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	M. A. ENGLISH	INDIAN	KERALA	01	NIL	01

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
1.	Nil	Nil			08	Nil	08	Nil	Nil	Nil

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Noorul Islam Centre For Higher Education	stipend	Nil	02	02
2					

15. Scholarships Awarded: NIL

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass		
	M. A. English	04	04	04	04	12	12	11	11	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	M. Phil. English	08	08	08	08	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	Nil	04
2	Number of Placements obtained through Campus Interview	Nil	01
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1			

**20. Department Meetings Held :
BOS,Programme Committee, Course Committee etc.**

S.No	Name	Date	
1.	Course Committee Programme Committee etc.		

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: **Ms. G. Jeba Subha**

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1066	7	No. of titles available	

2	Books added during the year 2018-19		8	No. of CDs and Digital Books Available	
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	
4	No. of data bases available	04	10	No. of Online Journals	
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.)	10 Mbps	12	Availability of Language Lab	
			13	NDL membership 11. Faculty members 12. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches :NIL

25. Consultancies :NIL

26. No. of NET/SET/GATE/CSIR Qualified students: NIL

27. MOUs signed : NIL

28. Innovations and Best Practices :

29. Academic Flexibility :NIL

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

NAME OF THE DEPARTMENT: FIRE TECHNOLOGY & SAFETY ENGINEERING

1. Department Details :

Name of the School	Fire Technology & Safety Engineering
Name of the HOD, Phone No. and E-mail ID	I.James Dhinakaran Williams, niu.ftse@gmail.com 9894824253
Year of Establishment	2011
Telephone Number	-
Website / E mail	www.niuniv.in

2. Details of Faculty Members:

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Prof.I.James Dhinakaran Williams Asso.Prof &Head/FTSE	M.E	Associate Professor & Head	CAD/CAM	13		ijdhinak@yahoo.co.in Mob. No: 9894824253
2	Dr.R.S.Ganesh Asso.Prof /FTSE	M.E; PhD	Associate Professor	Product Design	12		r_s_ganesh@rediffmail.com Mob. No: 9841107984
3	Dr.B. Bavanish Asso.Prof/FTSE	M.E; PhD	Assistant Professor	Energy engineering	11		dr.bbavanish@gmail.com Mob. No: 9488885995
4	Dr. R. Rajesh Asst.Prof /FTSE	B.E; M.Tech; PhD	Assistant Professor	Power Systems	6	3	rajeshknky@gmail.com Mob. No: 9944872621

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		16-17	Cumulative	16-17	Cumulative	16-17	Cumulative	16-17	Cumulative	16-17	Cumulative	16-17	Cumulative	M. Phil	Ph.D.
1	I.James Dhinakaran Williams				3										
2	R.S.Ganesh					2									
3	B. Bavanish	1		4		9									
4	R. Rajesh	1		7		1									

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	-	-	-	-	-	-

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	-	-	-	-

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	-	-	-	-	-

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	-	-	-	-	-

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1.	Mr.Karthick Rajeev Trainer Accentra safety solution PVT Ltd	Seminar about “Occupational safety ”		27/07/2018
2.	Dr.M.Karthirvel Neuro Surgeon NIMS MEDICITY	Students have undergone Emergency Life Support Training Program at NIMS MEDICITY on		14 th September 2018
3.	NPCIL, Kudankulam	industrial Training		25 th September 2018.
4.	Mr.R.Chenthil Kumar Head Agape Techno Solution	Seminar in “Robotics”	-	27/9/2018
5.	V.Abraham Boniface General Manager, Buni Engineering and Tech PVT Ltd	Seminar about “Fire safety design using AutoCAD”	-	11/2/2019
6.	Mr.R.Chenthil Kumar Head Agape Techno Solution	Workshop on “Robotics in Fire and safety applications”	-	11/10/2018
7.	B.S.Muhammed Bilel, Admin,JREZ Academy	Seminar about “NEBOSH INTRODUCTION”		13/3/2019
8.		Symposia in the name of AUBURN – 2K19	National Level	27&28/3/19
9.	P.Suresh Chandra Kanth TNFRS	Workshop on “Fire fighting Demo”		27/3/2019
10	H.Safick, Safety Engineer (KKNPP(5&6))	Seminar about “Permit Systems of KKNPP 3&4”		22/7/2019
11	Fizel Mohammed, QD-SBG	Seminar about “General Safety awarness”		29/8/2019

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
	Dr.R.S.Ganesh	A weight based improved double threshold cooperative spectrum sensing for cognitive radio networks	Scopus	Vol 11, Iss 7	2019	
	Dr.R.S.Ganesh	Improved EGC Method for uncreasing detection in cognitive radio networks	SCI Indexed	147	2019	

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
-	-	-	-	-	-

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	-	-	-	-

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

B.Tech - Fire Technology and Safety Engineering

Sanctioned Strength- 60

1st year -29

2nd year -16

3rd year -18

4th year- 14

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community										Existing Students, Strength						Pass Percentage of outgoing batch					
		F	M		OC	BC		BCM		MBC/DNC		SC		SCA		ST	II		III			IV				
						M	F	M	F	M	F	M	F	M	F		M	F	M	F		M	F	M	F	
	UG Programme	01	29		4	0	1	1	5					1	0	0	0	0	0							
	PG Courses	-																								
	M.Phil. Programme																									
	Ph.D Programme																									
	Diploma Certificate Courses (if any)																									
	MOOC/NPTEL/UGC online courses offered																									
	Total	01	29		4	0	1	1	5					1	0	0	0	0	0							

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
-	-	-	-	-	-	-
-	-	-	-	-	-	-

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.			
		Total		Total	FT	PT	Total	FT	PT	Total	
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded:

S. No	Agency	Position (URF/JRF/SRF/RA/others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-
2	-	-	-	-	-

15. Scholarships Awarded: NO PG DEGREE

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
	B.Tech	29	11	29	8	16	8	16	8	18	4	18	7	15	8	15	13

17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	12	1
2	Number of Placements obtained through Campus Interview	1	0
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	63%	

18. Outstanding achievements by the Faculty Members:l

S. No.	Name of the Faculty	Achievements	Agency
1	-	-	-

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	-	-	-

20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	07.05.2018
	Programme Committee	12.06.2018
		17.08.2019
		10.09.2019

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
	-	-	-	-

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Road Safety Awareness camp	Public	8 th February 2018.	Thuckalay Bus stand
2	Emergency Life support"	NICHE Faculty	28/3/19	A/C Auditorium

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Dr.R.Rajesh

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	647	7	No. of titles available	88
2	Books added during the year 2018	21	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/ Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	15	11	Average No. of books Issued per day	1
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	-	12	Availability of Language Lab	-
			13	NAD membership 13. Faculty members 14. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches:

25. Consultancies:

26. No. of NET/SET/GATE/CSIR Qualified students:

27. MOUs signed:

- Saadhana Health & Safety Solution, F2, Akshya flats, 19 Ramnagar First Main Road, Peravallur. Chennai – 600082.
- Agape Techno Solution,
2nd Floor, Hasan Tower, Main Road, Parvathipuram, Nagercoil -629003.

28. Innovations and Best Practices:

- Development of Fire Extinguisher Refilling Systems
- Installation of Sprinkler, Heat Detection and Smoke detection system in department corridor

29. Academic Flexibility:

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Fundamentals of Welding science and technology	NPTEL	14	-
2	Principles of Mechanical Measurements	NPTEL	11	-

30. Others

SI.NO	Name	Title of the Program	Duration
1.	Dr.B.Bavanish	Emergency Life Support	14-09-2018
2.	Dr.S.Jenkins Hexley Dhas.	Basic Life Support Training Program	03-09-2018 to 04-09-2018

3.	Dr. R.S.Ganesh	Emergency Life Support	14-09-2018
4.	Dr.R.Rajesh	Emergency Life Support	14-09-2018
5.	Mr.T.Jegan	Basic Life Support Training Program	3/28/2019
6.	Dr. R.S.Ganesh	Robotics application in safety	10/11/2018
7.	Dr.R.Rajesh	Robotics application in safety	10/11/2018
8.	Dr.B.Bavanish	Robotics application in safety	10/11/2018
9.	I.James Dhinakaran williams	Outcome Based Education	12/2/2018
10.	Dr.S.Jenkins Hexley Dhas.	Fire safety, First aid and Industrial Safety	19-02-2019 to 21-02-2019
11.	Dr. R.S.Ganesh	Fire safety, First aid and Industrial Safety	19-02-2019 to 21-02-2019
12.	Dr.B.Bavanish	Fire safety, First aid and Industrial Safety	19-02-2019 to 21-02-2019
13.	Dr.R.Rajesh	Fire safety, First aid and Industrial Safety	19-02-2019 to 21-02-2019
14.	Mr.T.Jegan	Fire safety, First aid and Industrial Safety	19-02-2019 to 21-02-2019
15.	I.James Dhinakaran williams	Fire safety, First aid and Industrial Safety	19-02-2019 to 21-02-2019
16.	Dr.B.Bavanish	Basic Life Support and First aid skills	28-03-2019
17.	I.James Dhinakaran williams	Basic Life Support and First aid skills	28-03-2019
18.	Dr.B.Bavanish	Workshop on e-resources	6/25/2019

NAME OF THE DEPARTMENT: INFORMATION TECHNOLOGY

1. Department Details:

Name of the School	Faculty of Computer & Information Engineering
Name of the HOD, Phone No. and E-mail ID	Dr.R.Mathusoothana S.Kumar Phone No. 9486856119 rmsskdhuja@gmail.com
Year of Establishment	1998
Telephone Number	9486856119
Website / E mail	rmssk@niuniv.com
Special Status : (if any)	AICTE Approved

2. Details of Faculty Members:

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Prof.Dr.R.Mathusoothana S.Kumar	B.E.,M.E.,Ph.D	Professor & Head	Image Processing	23 Years	12 Years	rmsskdhuja@gmail.com , 9486856119
2.	Prof.A.R.Subramonia Iyer	B.Sc.,M.Sc.,L.L.B	Professor	Cyber Forensics and Security	12 Years	-	arsiyer1951@gmail.com 9447575576
3.	Dr.S.Maria Celestin Vigila	B.E.,M.E.,Ph.D	Associate Professor	Data Security	23 Years	12 Years	celesleon@yahoo.com 9442150033
4	Dr.N.Sugitha	B.E.,M.E.,Ph.D	Associate Professor	Image Processing	18.6 Years	5 Years	sugi_vi@yahoo.com , 9442077420
5.	Dr.S.Palanikumar	B.E.,M.E.,Ph.D	Associate Professor	Digital Image and Signal Processing	17 Years	12 Years	palanikumarcsc@yahoo.com 9445522700
6.	Dr.V.Mary Amala Bai	B.E.,M.E.,Ph.D	Associate Professor	Data Mining	14.9 Years	2.8 Years	mamalas@gmail.com , 7502869501
7.	Dr.T.Brindha	B.E.,M.E.,Ph.D	Associate Professor	Cloud Security	11.5 Years	7 Years	brindhahere@yahoo.com 9677508835
8.	Dr.K.Siva Sankar	B.E.,M.E.,Ph.D , MBA	Associate Professor	System Software	13.4 Years	6 Years	sivasankarniu@gmail.com 9442229791
9.	Prof.Y.Jeyasheela	B.E.,M.E.,(Ph.D)	Assistant Professor	Data Mining	12.2 Months	6 Years	minisheela@ymail.com 9566424865
10.	Prof.M.B.Jayalekshmi	B.E.,M.E.,(Ph.D)	Assistant Professor	Cloud Security	11 Years	6 Years	mbjaya2k5@gmail.com , 9486795892

11.	Dr.T.V.Sindia	B.Tech.,M.Tech.,Ph.D	Assistant Professor	Cloud Security	11 Years	7 Years	sindiatv@gmail.com 9442332616
12.	Ms.Arya Sreedhar	B.Tech.,M.E	Assistant Professor	Cyber Security	9 Months	-	aryasreedhar2008@gmail.com 9446614838

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr.R.Mathusoothana.S.Kumar	03	03	01	11	01	16	98	--	Nil	01	Nil	Nil	02	06
2	Prof.A.R.Subramonia Iyer	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	Dr.S.Maria Celestin Vigila	04	04	04	15	53	53	98	98.11	Nil	01	Nil	Nil	02	06
4	Dr.N.Sugitha	2	2	5	17	1	12	70.12	69.98	1	1	-	-	1	6
5	Dr.S.Palanikumar	6	6	14	41	14	115	99	98.5	0	1	0	0	1	6
6	Dr.V.Mary Amala Bai	2	2	2	13	1	12	60	70	-	-	-	-	-	03
7	Ms.Y.Jeyasheela	2	2	1		1	4	53.579	58.90	-	-	-	-	-	-
8	Dr.T.Brindha	03	03	7	15	9	18	89.75	83.67	1	01	Nil	Nil	Nil	05
9	Ms.M.B.Jayalekshmi	-	1	-	2	-	5	46.55	50.54	-	-	-	-	-	-
10	Dr.K.Sivasankar	1	2	8	38	5	16	80	85	-	1	2	3	-	5
11	Ms.T.V.Sindia	-	1	-	3	-	1	48.27	50	-	-	-	-	-	-
12	Ms.Arya Sreedhar	--	--	--	--	--	--	--	--	--	--	--	--	--	--

4. Research Schemes/Projects undertaken:

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr. R.Mathusoothana S. Kumar	DST	Fund for Improvement of S&T Infrastructure (FIST)			Proposal Submitted (July 2018)
2	Dr. S. Maria Celestin Vigila Dr. R.Mathusoothana S. Kumar	Tamil Nadu State Council for Science and Technology	Genic Disorder Identification and Protein Analysis using Soft Computing Approach			Proposal Submitted (February 2019)
3	Dr. S. Palanikumar Dr. R.Mathusoothana S. Kumar	Tamil Nadu State Council for Science and Technology	Coconut Harvesting Robot			Proposal Submitted (February 2019)

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Prof.Dr.R.Mathusoothana .S.Kumar	Workshop- Internal Quality Assurance Cell(IQAC), NICHE	Outcome Based Education	2 nd Nov 2018
		International Conference on Networks, Image and Security(ICNIS'19)-Department of IT,NICHE	A PSO Feature Selection Approach for Illumination and Expressions to Intelligent Facial Recognition	10 th and 11 th April 2019
			Automatic Segmentation Size Determination and Classification of IVD	
			Internal Intrusion Detection and Prevention System by Using Data Mining and Cryptographic Techniques	
FDP, NPTEL – AICTE FDP Funded by the Ministry of HRD, Govt. of India.	Programming in Java	Jan 2019 – April 2019		
2	Prof.A.R.Subramonia	Workshop- Internal Quality Assurance Cell(IQAC), NICHE	Outcome Based Education	2 nd Nov 2018
		National Conference- KIT-	National Digital Security	21 st Dec

	Iyer	Kalaignar Karunanidhi Institute of Technology, Coimbatore, India	Conference ‘18	2018
		International Conference- Hotel Grand Hyatt, Kochi, India	CoCon-Security and Hacking Conference	5 th -6 th Oct 2018
4	Dr.S.Maria Celestin Vigila	Workshop- Internal Quality Assurance Cell(IQAC), NICHE	Outcome Based Education	2 nd Nov 2018
		International Conference on Networks, Image and Security(ICNIS‘19)-Department of IT,NICHE	Cryptographically Secure Data using Secure Multi Party Computation	10 th and 11 th April 2019
			Protecting Big Data in Public Cloud by Merging Attribute Based Encryption and Role Based Access Control	
FDP, NPTEL – AICTE FDP Funded by the Ministry of HRD, Govt. of India.	Cryptography	Jan 2019 – April 2019		
5	Dr.N.Sugitha	International Conference on Networks, Image and Security(ICNIS‘19)-Department of IT,NICHE	A Study on Real Time Hand Gesture Recognition Techniques	10 th and 11 th April 2019
			Geographical Information System based Crime analysis and mapping techniques in Public Safety Management-A Survey	
5	Dr.S.Palanikumar	International Conference on Networks, Image and Security(ICNIS‘19)-Department of IT,NICHE	A Novel SVM classification using chaos PSO Optimization for Lung Cancer Detection	10 th and 11 th April 2019
			Advanced Flying Robot for Coconut Harvesting	
			Bio-field Imaging- The New way of Bio-medical Instrumentation	
			Analysis of Machine Learning Based Classification Algorithm for Network Attack	
			AUTO-CH:The New Generation Wireless Charging Technology	

			Packet Analysis based on Machine Learning Based Classification Algorithms	
			Fake colorized Image Detection	
			Digital Image Watermarking Techniques in Image Forensics	
		FDP, NPTEL – AICTE FDP Funded by the Ministry of HRD, Govt. of India.	Programming in Java	Jan 2019 – April 2019
6	Dr.V.Mary Amala Bai	International Conference on Networks, Image and Security(ICNIS'19)-Department of IT,NICHE	A Survey on Machine Learning Algorithms used for the Diagnosis of Breast Cancer	10 th and 11 th April 2019
7	Dr.T.Brindha	International Conference on Networks, Image and Security(ICNIS'19)-Department of IT,NICHE	Resource Management Model for Cloud Computing	10 th and 11 th April 2019
			Scientific Study on Spinal Segmentation Methods	
			Method for Face Detection and Feature Extraction-A Review	
8	Prof.Y.Jeyasheela	Workshop- Internal Quality Assurance Cell(IQAC), NICHE	Outcome Based Education	2 nd Nov 2018
		Conference on Innovative Computing Science & Engineering, Department of CSE,NICHE	Data mining Techniques and its applications	2 nd April 2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Prof.M.Sulthan Mohideen	Feather Touch Technology	Saudia Arabia	1 day	International Conference

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc.:

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.R.Mathusoothana.S. Kumar	Conference Chair	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
				International	NICHE,

		Technical Reviewer	International Conference	Conference on Networks, Image and Security.	10 th &11 th April 2019.
2	Dr.S.Maria Celestin Vigila	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th &11 th April 2019.
3	Dr.N.Sugitha	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
4	Dr.S.PalaniKumar	Conference Chair	National Conference	National Conference on Emerging Trends in Engineering and Technology	Arunachala College of Engineering for Women, 28 th September 2018.
		Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
5	Dr.V.Mary Amala Bai	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
6	Dr.T.Brindha	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
7	Ms.Y.Jeya Sheela	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
8		Technical	International	International Conference on	NICHE,

	Ms.M.B.Jayalekshmi	Reviewer	Conference	Networks, Image and Security.	10 th &11 th April 2019.
9	Ms.T.V.Sindia	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.
10	Dr.K.Siva Sankar	Technical Reviewer	International Conference	International Conference on Networks, Image and Security.	NICHE, 10 th & 11 th April 2019.

7. Details of Seminars, Conferences and Refresher courses Organized:

S. No	Name of the Faculty	Congress/Conference/Seminar / Workshop/Symposia, etc. Organized	State/National / International Level	Period
1.	Dr.S.Palani Kumar	International Conference on Networks, Image & Security (ICNIS-2019)	International	10.04.19 & 11.04.19
2	Dr.S.Palani Kumar	Workshop on Digital Data Extraction procedure for Cyber Forensics Application	National	11.04.19

8. Publication of Research Papers at the State/National/International Levels:

S. No	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1	R.Mathusoothana S. Kumar	Robust multi-view videos face recognition based on particle filter with immune genetic algorithm	IET Image Processing ISSN: 1751-9667	Vol. 13, No. 4	2019	pp. 600-606
2	Mancy L and Maria Celestin Vigila, S	Medical Image Protection using Diffusion, Substitution and Reversible Data Hiding based on Prediction	International Journal of Security and Networks ISSN: 1747-8413		In Press	

3	Briso Becky Bell J. and Maria Celestin Vigila, S	Gene Selection Approaches for Classifying Disease Relevant Data Sample	International Journal of Engineering and Technology ISSN: 2227- 524X	Vol. 7, No. 3.27	2018	pp. 62-69
4	Mancy L and Maria Celestin Vigila, S	A new Diffusion and Substitution based Cryptosystem for Securing Medical Image Applications	International Journal of Electronic Security and Digital Forensics ISSN: 1751- 9128	Vol. 10, No. 4	2018	pp.388 – 400
5	Vineetha Venugopal and Maria Celestin Vigila S	Implementing Big Data Privacy with MapReduce for Multidimensional Sensitive Data	International Journal of Applied Engineering Research ISSN:0973- 4562	Vol. 13, No.15	2018	pp. 11824- 11829
6	M.S. Sujithra, N. Sugitha	A Survey: Restoration of Compressed Image	International Journal of Engineering and Technology, ISSN: 2227- 524X	Vol.4, Issue 4	2018	pp.5168- 5173.
7	A.MaryJerin, S. Palanikumar R esmi H B	An Efficient Offline Handwritten Signature Verification Method Based on ODBTC Features	International Journal of Computer Trends and Technology	Vol.61, No.3	2018	pp. 126-136
8	Nishi S. Das, S.Palanikuma r	Retinal Abnormalities in Prodromal Stage Detection of Alzheimer's Disease: A Review	Jour of Adv Research in Dynamical & Control Systems ISSN 1943- 023X	Vol. 11, 04- Special Issue	2019	pp.236-244
9	V.G. Ranjith,M.K. Jeyakumar,S. Palanikumar	Color-texture based Feature Modeling for Content-based Video Retrieval	Jour of Adv Research in Dynamical & Control Systems	Vol. 11, 04- Special Issue	2019	pp.547-556

			ISSN 1943-023X			
10	V.G. Ranjith,M.K. Jeyakumar,S. Palanikumar	Color-texture based Feature Modeling for Content-based Image Retrieval	Jour of Adv Research in Dynamical & Control Systems ISSN 1943-023X	Vol. 11, 04-Special Issue	2019	pp.245-254
11	T. Gopalakrishnan,J. Rajeesh,S. Palanikumar	Automatic Nucleus Level Breast Cancer Detection System	Jour of Adv Research in Dynamical & Control Systems ISSN 1943-023X	Vol. 11, 04-Special Issue	2019	pp.255-266
12	Asha Sukumaran and Thomas Brindha	Deep Learning an Overview	International Journal of Engineering & Technology ISSN: 2227-524X	Vol.7, No.2.33	Jun 2018	pp. 810-813
13	K. Siva Sankar	An Energy-Efficient Ensemble Clustering Based on Multiple Disjoint and Non Linear Structures for Wireless Sensor Network	International Journal of Advanced Intelligence Paradigms		Accepted , 2018	
14	K. Siva Sankar	Minutiae based Feature Level Fusion for Multimodal Biometrics	IJAER, (ISSN: 0973-4562)	Volume 13, Issue 5	2018	pp. 2763-2768
15	K. Siva Sankar	Unimodal Biometric Based Security Application by Exploiting Regina	International Journal of Engineering and Advanced Technology ISSN: 2249-8958	Volume 8, Issue 2S	2018	pp 344 - 353
16	K. Siva Sankar	Design of a Dynamic Boot Loader for loading an Operating System	Journal of Computer Science ISSN: 1552-6607.	15(1)	2019	pp.190-196
17	K. Siva	Energy Efficient	Journal of	Vol 15,	2018	pp. 83 - 94,

	Sankar	Contingent Deep Neural Network and Load Balanced Rational K Means for Data Aggregation in WSN	Advanced Research in Dynamical and Control Systems ISSN: 1943-023X	No. 9		
18	K. Siva Sankar	A Dispersed Gaussian Hierarchical Energy Efficient Multipath Routing For Data Aggregation in WSN	International Journal of Pure and Applied Mathematics, ISSN 1314 - 3395	Vol - 119, No 17	2018	
19	K. Siva Sankar	VLSI implementation of an efficient MBIST architecture using RLFSR	International Journal of Systems, Control and Communications		Accepted	
20	Sindia T.V, Julia Punitha Malar Dhas	SDN Based DDoS Attack Detection System by Exploiting Ensemble Classification for Cloud Computing	International Journal of Intelligent Engineering and Systems	Vol.11, No.6	2018	pp.282-291,

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1	Dr.R. Mathusoothana S. Kumar	Internal Intrusion Detection and Prevention System by using Data Mining and Cryptographic Techniques		201941025605	
2	Dr.S. Maria Celestin Vigila	Fusion of DNA Sequence and Hyper Chaotic Technique for Securing Medical		201941025600	

		Image Applications			
3	Dr.S. Palanikumar	Fake Image Detection using Color Model		201941025594	
4	Dr.T. Brindha	A Secure Access Control Technique based on RFID using 8051 Micro Controller		201941025622	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Dr.S.Palanikumar	148224490X/ 13:978-1482244908	Taylor and Francis/CRC press	2018

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. No.	Name of the Programme NC/ Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch				
		F	M		OC		BC		BCM		MB C/ DN C		SC		SCA		ST		II		III			IV			
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F		
1	UG Programme	5	11	16	2	0	4	3	2	2	3	0	0	0	0	0	0	0	3	0	1	3	2	1	2	0	50
2	PG Courses	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	75		
3	M.Phil. Programme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Ph.D Programme	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Diploma Certificate Courses (if any)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	MOOC/NPTEL/UGC online courses offered	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0	1	3	2	1	-	-	-
	Total	5	14	19	3	0	6	4	2	2	3	0	0	0	0	0	0	0	6	0	2	6	4	2	4	1	

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.Tech Information Technology with specialization in cyber security and forensics	Indian	Kerala	25	15	40
2	M.E Cyber Security	Indian	Kerala	1	0	1

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.				
		Total		Total		FT	PT	Total		FT	PT	Total
1	B.Tech - IT	08	M.E (Cyber Security)	Nil	-	-	-	-	-	-	-	-

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded:

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Nil	Nil	-	-	-

15. Scholarships Awarded: P.G, M.Phil., Ph.D. - Nil

UG: M-4, F-1, Total amount - Rs.1,25,000/-

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students:

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.Tech IT	Batch : 2018-2022				Batch :2017-2021				Batch :2016-2020				Batch :2015-2019			
		16	06	15	06	42	16	42	10	03	Nil	03	Nil	02	01	02	01
5	M.E (CY)	Batch :2018-2020				Batch :2017-2019											
		01	02	01	01	03	03	03	03								

17. Placement Details:

Name of the Placement co-ordinator: T.V. Sindia			
Phone/Mobile Number :9442332616 e-mail:sindiatv@gmail.com			
Number of Placement Programmes:6			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	Nil
2	Number of Placements obtained through Campus Interview	1	Nil
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1/2	Nil

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Prof.Dr.R.Mathusoothana.S.Kumar	Elite-Gold Medal	NPTEL – AICTE FDP Funded by the Ministry of HRD, Govt. of India.
2	Dr.S.Maria Celestin Vigila	Elite-Silver Medal	
3	Dr.S.Palanikumar	Elite-Gold Medal	

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Gokul krishna	CEH C Certified Ethical Hacker	E.C. Council, USA
2	B. Aravind	First Prize in Bid the Question	Ramco Institute of Technology, Rajapalayam

20. Department MeetingsHeld:

BOS,Programme Committee, Course Committee etc.

BOS Meeting

S.No	Name	Date	
1.	XV-BOS	06/02/2019	Finalizing examiners panel for theory and Practical examinations
			Finalizing subject expert list for question pap setting and paper valuation
			Analyzing previous semester question papers.
			Analyzing the queries raised in class

			committee/ program committee meetings regarding curriculum, syllabus and question papers.
			Analyzing the inclusion of SWAYAM and MOOC online courses and other related matters.
2	XVI - BOS	29/04/2019	To finalize the V and VI semester IT syllabus and the electives of Cyber Security.
			Analyzing other related matters brought forward by the chairman.

2018-19 ODD

S.No	Name	Date	
1.	Programme Committee (UG & PG)	26/07/2018	I meeting
		14/09/2018	II meeting
		02/11/2018	III meeting
2	Class Committee –S3 IT (UG)	13/07/2018	I meeting
		13/08/2018	II meeting
		28/09/2018	III meeting
		19/11/2018	IV meeting
3	Class Committee –S5 IT (UG)	13/07/2018	I meeting
		13/08/2018	II meeting
		27/09/2018	III meeting
		16/11/2018	IV meeting
4	Class Committee –S7 IT (UG)	13/07/2018	I meeting
		10/08/2018	II meeting
		28/09/2018	III meeting
		15/11/2018	IV meeting
5	Class Committee –S1M.E (PG)	19/09/2018	I meeting
		16/10/2018	II meeting
		20/11/2018	III meeting
		20/12/2018	IV meeting
6	Class Committee –S3M.E (PG)	12/07/2018	I meeting
		10/08/2018	II meeting
		28/09/2018	III meeting
		15/11/2018	IV meeting
Course Committee			
7	CS2101- Computing and Programming	11/09/2018	I meeting
		15/10/2018	II meeting
		20/11/2018	III meeting
8	MS1202 -Professional and	12/07/2018	I meeting
		07/08/2018	II meeting

	Business Ethics	24/09/2018	III meeting
9	MS1203-Principles of Management	12/07/2018	I meeting
		14/08/2018	II meeting
		12/10/2018	III meeting

2018-19 EVEN

S.No	Name	Date	
1.	Programme Committee (UG)	05/02/2019	I meeting
		05/03/2019	II meeting
		24/04/2019	III meeting
2	Programme Committee (PG)	18/03/2019	I meeting
		24/04/2019	II meeting
		22/05/2019	III meeting
3	Class Committee -S2 IT (UG)	18/02/2019	I meeting
		28/03/2019	II meeting
		02/05/2019	III meeting
		28/05/2019	IV meeting
4	Class Committee -S4 IT (UG)	23/01/2019	I meeting
		15/02/2019	II meeting
		09/03/2019	III meeting
		29/04/2019	IV meeting
5	Class Committee -S6 IT (UG)	30/01/2019	I meeting
		19/02/2019	II meeting
		13/03/2019	III meeting
		30/04/2019	IV meeting
6	Class Committee -S8 IT (UG)	12/02/2019	I meeting
		05/03/2019	II meeting
		22/03/2019	III meeting
		05/04/2019	IV meeting
7	Class Committee -S2 M.E (PG)	18/02/2019	I meeting
		29/03/2019	II meeting
		03/05/2019	III meeting
		27/05/2019	IV meeting
Course Committee			
8	IT1212 - Cyber Security	29/01/2019	I meeting
		28/02/2019	II meeting
		15/04/2019	III meeting

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

Sl.No	Name of the Lab	Name of the Equipment/ Computer/Software/Others	Quantity	Purpose Research/Practical	
1	Software Development Lab	Computers			
		Lenovo H50-50/ Intel i3-4150/3.50Ghz/4GB DDR3 RAM/500GB SATA HDD/DVD RW/Lenovo Keyboard /Mouse /Lenovo 18.5" LED Monitor	5	Research - 4 Practical - 1	
2		Intel Pentium-D 2.66Ghz/ 2x1 MB Intel D/02GGC2 Desktop Board Transcend 1 GB DDR2 RAM / Seagate 80 GB 7200 RPM SATA/ Logitech MM Keyboard with Mouse	57	Practical	
3		INTEL P4 3 GHZ HT PROCESSOR BOX, INTEL 875 WP1E SERVER BOARD, 512 MB DDR RAM, 1.44 MB FDD, SCSI 73 GB SEAGATE HDD, 52 X LG CD DRIVE, 17" BLACK SAMSUNG COLOR MONITOR,	2	Practical	
4		Intel (R) Pentium (R) CPU G3240 @ 3.10 GHz/ Speed 3100 MHz/ Transcend 2 GB DDR3 RAM/ Asus Mother Board/ BLK Logitech MM Keyboard/ optical Mouse/ LG 18.5" LED Monitor	7	Practical	
		Printers			
5		EPSON STYLUS PHOTO830	1		
6		CANON S200	1		
7		EPSON STYLUS C58	3		
		Scanner			
8		HP 3770 SCANNER	1		
		Camera			
9		SONY CYBERSHOT -DSC P9 DIGITAL CAMARA	1		
10	SONY HANDY CAMS & ACCESS	1			
11	ZEBRONICS WEB CAMERA	10			
12	D- LINK WEB CAMERA	10			
13	LOGITECH WEB CAMERA	10			

Sl.No	Name of the Lab	Name of the Equipment/ Computer/Software/Others	Quantity	Purpose Research/Practical
1	System Programming Lab	Computer		
		Intel Pentium 4 CPU 2.90 GHZ Processor /2.00GB RAM/1.44 FDD/80GB Seagate SATA HDD/52X LG Cd drive/HP keyboard/Samsung Optical mouse/LG 18.5" LED Monitor	34	Practical
2		Intel Pentium D /CPU 2.66Ghz HT	2	Practical

		Processor Box/ 1.00 GB RAM/ 1.44 Mb FDD/80 GB Seagate SATA HDD/52X LG Cd drive/Hp Keyboard/ Samsung Optical mouse/17" Black Samsung Color Monitor		
		Projector		
3		Epson LCD Projector	1	
4		Liberty Vision 285 OHP Projector	1	
		Printer		
5		Epson LX 300 DM Printer	1	
6		Epson Stylus C58 Printer	1	
7		Epson Stylus C58 Printer	1	

Sl.No	Name of the Lab	Name of the Equipment/ Computer/Software/Others	Quantity	Purpose Research/Practical
1	Cyber Security Lab	Computer		
		Intel I 3 rd GEN	10	Practical
		Switch		
2		DIGISOL DG-GSL026 24 Port	1	
		Software		
3		Netforce suite V.1.0	1	
4		CDR Analyser V.1.0	1	
5		SIMXtractor V.1.0	5	
6		Cyber check suite V. 4.0	2	
7	Mobile check V.1.0	2		
8	WinLifT V.1.0	3		
9	TrueImage V. 4.0	1		

22. Extension activities carried out: NIL

S. No.	Name of the Activity	Beneficiaries	Date	Venue

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: **Dr.T.V.Sindia**

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1247	7	No. of titles available	75
2	Books added during the year 2018-2019	04	8	No. of CDs and Digital Books Available	60
3	No. of Indian Journals/ Magazines	4	9	No. of Foreign Magazines/Journals	1
4	No. of databases available	5	10	No. of Online Journals	Nil
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	1 Gbps	12	Availability of Language Lab	Nil

24. Information and Communication Technology Resources:

LAB- I (Software Development Lab)

SI.No	Name of the Equipment	Specification	Nos
1	Computer	Lenovo H50-50/ Intel i3-4150/3.50Ghz/4GB DDR3 RAM/500GB SATA HDD/DVD RW/Lenovo Keyboard /Mouse /Lenovo 18.5" LED Monitor	5
2	Computer	Intel Pentium-D 2.66Ghz/ 2x1 MB Intel D/02GGC2 Desktop Board Transcend 1 GB DDR2 RAM / Seagate 80 GB 7200 RPM SATA/ Logitech MM Keyboard with Mouse	57
3	Computer	INTEL P4 3 GHZ HT PROCESSOR BOX, INTEL 875 WP1E SERVER BOARD, 512 MB DDR RAM, 1.44 MB FDD, SCSI 73 GB SEAGATE HDD, 52 X LG CD DRIVE, 17" BLACK SAMSUNG COLOR MONITOR,	2
4	Computer	Intel (R) Pentium (R) CPU G3240 @ 3.10 GHz/ Speed 3100 MHz/ Transcend 2 GB DDR3 RAM/ Asus Mother Board/ BLK Logitech MM Keyboard/ optical Mouse/ LG 18.5" LED Monitor	7
5	Printer	EPSON STYLUS PHOTO830	1
6	Printer	CANON S200	1
7	Printer	EPSON STYLUS C58	3
8	Scanner	HP 3770 SCANNER	1
9	Camera	SONY CYBERSHOT -DSC P9 DIGITAL CAMARA	1
10	Camera	SONY HANDY CAMS & ACCESS	1
11	Camera	ZEBRONICS WEB CAMERA	10
12	Camera	D- LINK WEB CAMERA	10
13	Camera	LOGITECH WEB CAMERA	10

Lab -II (System Programming Lab)

SI.No	Name of the Equipment	Specification	Nos
1	Computer	Intel Pentium 4 CPU 2.90 GHZ Processor /2.00GB RAM/1.44 FDD/80GB Seagate SATA HDD/52X LG Cd drive/HP keyboard/Samsung Optical mouse/LG 18.5" LED Monitor	34
2	Computer	Intel Pentium D /CPU 2.66Ghz HT Processor Box/ 1.00 GB RAM/ 1.44 Mb FDD/80 GB Seagate SATA HDD/52X LG Cd drive/Hp Keyboard/ Samsung Optical mouse/17" Black Samsung Color Monitor	2
3	Printer	Epson LX 300 DM Printer	1
4	Printer	Epson Stylus C58 Printer	1
5	Printer	Epson Stylus C58 Printer	1
6	Projector	Liberty Vision 285 OHP Projector	1
7	Projector	Epson LCD Projector	1

Cyber Security Lab

SI.No	Name of the Equipment	Specification	Nos
1	Computer	Intel I 3 rd GEN	10
2	Switch	DIGISOL DG-GSL026 24 Port	1
3	Software	Netforce suite V.1.0	1
4	Software	CDR Analyser V.1.0	1

5	Software	SIMXtractor V.1.0	5
6	Software	Cyber check suite V. 4.0	2
7	Software	Mobile check V.1.0	2
8	Software	WinLifT V.1.0	3
9	Software	Truelmage V. 4.0	1

Smart Class

SI.No	Name of the Equipment	Specification	Nos
1	Infocus IN104 Digital projector	DLP Technology 2500 lumens XGA specification maximum Lamp life 4000 hours 24x7 operation	1
2	Hitachi Star BoardFX-77 Interactive white board	Screen size:1573x1800mm Input mode:Infrared and ultrasonic IR wavelength :880mm Ultrasonic frequency:40KHz	1
3	Aver Vision CP255 Visualizer	3.2Megapixel Camera 16xZoom 24fps video frame HDo 720p resolution One touch auto image One touch auto focus Input RGB Output RGB, DVI, Composite S Video	1
	Audio System Ahuja Speaker Amplifier Studio Master Collar microphone Hand held microphone Cables		2 1 1 1 1
	Ceiling Mount kit for projector	15 meters VGA cable 15 meters power cable	1
	Lenova Laptop	5080 13/2Gb/500GB/15.6"/W8.1 Intel core 13- 3805U/2Gb/DDR3/500GB SATA/15.6"/WINB.1	1

25. Collaborative Researches: Nil

26. Consultancies:

SI.No	Client	Nature of work	Amount	Year
1	Ms.Y.Jeyasheela, Karunaillam, palode, Irenipuram post,629162.	Installation of CCTV surveillance system and Analysis of footages	18-01-2019	30,854

27. No. of NET/SET/GATE/CSIR Qualified students:Nil

28. MOUs signed: Nil

29. Innovations and Best Practices:

Innovations:

Incorporation of industry based curriculum.

Research based projects are given to students, both for UG and PG.

Creative and case study based assignments are given to students.

To harness the talent and potential available with students they are made to participate in initiatives like project proposal submission.

Students are made to present papers in conferences and publish papers in reputed journals.

Best Practices:

Students and staff members update their knowledge through NPTEL online certification course.

Outcome based education is being followed.

Assessment strategies and tools for the delivered content are framed based on Bloom's taxonomy.

Special coaching for slow learners.

Usage of information and communication technologies (ICT) in teaching and learning processes.

Daily attendance is posted in centralized software and defaulters warned periodically.

30. Academic Flexibility:

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Joy of Computing using Python	NPTEL	01	Not attended
2	Problem Solving through Programming in C	NPTEL	02	
3	Programming in C++	NPTEL	10	
4	Programming in C	NPTEL	02	
5	Cloud Computing	NPTEL	09	
6	Privacy and Security in Online Social Media	NPTEL	02	
7	Information Security-A Secure Systems Engineering	NPTEL	03	
8	Computer Architecture and Organization	NPTEL	02	
9	Data Science for Engineers	NPTEL	03	
10	Cryptography and Network Security	NPTEL	03	
11	Social Networks	NPTEL	03	
12	Programming in Java	NPTEL	08	

NAME OF THE DEPARTMENT: FACULTY OF MANAGEMENT STUDIES

1. Department Details:

Name of the School	FACULTY OF MANAGEMENT STUDIES
Name of the HOD, Phone No. and E-mail ID	Dr. M. JanarthananPillai, 9443492997 jmpillai7@gmail.com.
Year of Establishment	1994-1995
Telephone Number	04651-251996
Website / E mail	nicedoms@yahoo.com

2. Details of Faculty Members:

S. No.	Name of the Faculty	Qualification	Designation	Specialization	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. K. A. Janardhanan	MBA, Ph.D (Mg) M.Phil., Ph.D(P.A).	Professor, Dean, Director - HRM	HRM, Disaster Management	28	9	kajanardhanan@yahoo.com , 9443128025
2.	Prof. M. SivathanuPillai	M.Com	Professor	Skills Development	52	-	sivathanup@yahoo.co.in 9489435702
3.	Dr. M. JanarthananPillai	M.A. MBA. M.Phil., Ph.D	Professor &HOD	HRM & Economics	30	12	jmpillai7@gmail.com . 9443492997
4.	Dr. R Radhika	MA., MBA M.Phil., Ph.D	Associate Professor	HRM	15	10	rdhujaasourish@gmail.com 9486941177
5.	Dr. V.P. Velmurugan	M.Com ., BL., MBA., Ph.D	Associate Professor	Finance	12	9	vpvharini@gmail.com 9443211048
6.	Dr. M. Sulaipher	MBA. Ph. D	Associate Professor	Marketing	11	11	sulaipherjerry@gmail.com 9940401020
7.	Dr. Shibir Tad M.C	MBA, MPhil., Ph.D	Assistant Professor	HRM	4	3.8	shibintad@gmail.com 9442040601
8.	Prof. Fenin Samuel	MBA, MPhil	Assistant Professor	Marketing operations	3	3	feninsml@gmail.com 9486865382
9.	Prof. Deekshith	MBA	Assistant Professor	Marketing	3	3	dichi28@gmail.com 8148642903
10.	Prof. Kavitha Rani. R	MBA, MPhil	Assistant Professor	Marketing	3	3	kavithar480@gmail.com

				HRM			8300069008
11.	Dr. Asha. K	MBA., M.Phil.	Assistant Professor	Marketing , HRM	2	-	itzmeashak@gmail.com 9486418130
12.	Prof. Veena. V.S	MBA., M.Phil.,	Assistant Professor	Finance HRM	2	-	vsveena87@gmail.com 9486418130
13.	Prof.Jenushaana nthy y	M.Com. MBA	Assistant Professor	Finance HRM	1	-	jenushay@gmail.com 9488386522
14	Prof.Lija P	MBA., M.Phil.,	Assistant Professor	HRM	1	-	lijajohn.mba@gmail.com 8754107343
15.	Prof. Priyadharsini. Y. A	MBA.,	Assistant Professor	Finance HRM	1	-	priyadarsini.prakash@yahoo.com 9487339419
16.	Prof. Kishore	MBA.,	Assistant Professor	Marketing	1	-	kishorekichu6197@gmail.com 9585047414
17	Prof. .Dany Solomon	MBA.,	Assistant Professor	Marketing	6Mo	-	dannysolomon2015@gmail.com 9597080941
18.	Dr. Maria Jain Bruce	M.BA. M.Phil. Ph.D	Assistant Professor	Marketing HRM	13	-	brucerathna2003@gmail.com 9443529196
19.	Dr. Rathina mala	M.Sc. MBA,M.E, M.Phil,Ph.D	Assistant Professor	Marketing HRM	13	-	mmariajainbruce@gmail.com 7397199266

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr.K. A.Janardhana n	-	-	13	65	-	-	-	-	1	1	1	1	9	1
2.	Dr. M. JanarthanP illai	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	Dr.R.Radhi ka	-	-	5	36	-	-	88	-	1	8	1	2	12	7

4.	Dr.V.P.Velmurugan	-	-	11	15	-	-	-	-	1	2	-	-	1	6
5.	Dr. M. Sulaipher	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Dr.Shibin Tad. M.C	-	-	-	7	-	-	10	-	-	-	-	-	-	-
7.	Mr. Deekshith	-	-	1	2	-	-	10	-	-	-	-	-	-	-
8.	Prof.S.Fenin Samuel	-	-	-	1	-	-	10	-	-	-	-	-	-	-
9.	Prof.Kavitha Rani	-	-	-	2	-	-	-	-	-	-	-	-	-	-
10.	Dr. Asha. K	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Prof.Veena. V.S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	Prof. Jenushaanant hy y	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Prof. Lija	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.	Prof. Priyadharsini .Y.A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.	Prof. Dany Solomon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.	Prof. Kishore	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.	Dr. Maria Jain Bruce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.	Dr. Rathina mala	-	-	-	-	-	-	-	-	-	-	-	-	-	-

4. Research Schemes/Projects undertaken:

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	-	-	-	-	-	-
2	-	-	-	-	-	-

5. A) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	R.Radhika	International Conference Dept. of Mech. Engg., NICHE	Problems and Prospects of Mobile Banking	12, April 2019

2	R.Radhika	International Conference Dept. of Mech. Engg., NICHE	The socio-economic challenges faced by Tamil Expatriates in UAE	12, April 2019
3	R.Radhika	International Conference Dept. of Mech. Engg., NICHE	A Study on the influence of social media characteristic towards online purchase intention among college students	12, April 2019
4	R.Radhika	International Conference Dept. of Mech. Engg., NICHE	An overview on the role of govt. of India in Healthcare sector	12, April 2019
5	R.Radhika	International Conference Dept. of Mech. Engg., NICHE	A review on the fundamental of social media marketing and its strategies	12, April 2019
6	R.Radhika	International Conference Dept. of Mech. Engg., NICHE	A study on the factors affecting customers in usage of Mobile Banking	12, April 2019
7	R.Radhika	International Conference Dept. of IT, NICHE	Remote working - the way for work life balance in 21 st century	10, &11 April 2019
8	R.Radhika	International Conference Dept. of IT, NICHE	Learning and Development Trends and practices in IT industries	10, &11 April 2019
9	R.Radhika	International Conference Dept. of IT, NICHE	Employment issues in the United Arab Emirates.	10, &11 April 2019
10	R.Radhika	International Conference Dept. of IT, NICHE	A study on the usage of social media sites among college students in Tamil Nadu	10, &11 April 2019
11	R.Radhika	International Conference Dept. of IT, NICHE	Green Banking- An Initiatives taken by selected banks in India.	10, &11 April 2019
01	Dr. V. P. Velmurugan	Department of Commerce and Business Administration, Infant Jesus College of Arts and Science for Women , Kanyakumari, Tamil Nadu	Emerging trends in Entrepreneurial Development	6 th Feb 2019
2	Dr. V. P. Velmurugan	Women`s Christian College, Nagercoil TN	National conference on Emerging trends in financial Market -2019	5 th March - 2019
3	Dr. V. P. Velmurugan	Centre for Resource, Research and Publication Services Madurai & Department of	Two days International Workshop on Writing Quality Research Papers- Publishing in Scopus and CARE Approved Journals	19 th and 20 th July 2019

		Commerce, Manonmaniam Sundaran ar University, Tirunelveli, TN		
4	Dr. V. P. Velmurugan	Faculty of Management Studies (FMS) Noorul Islam Centre for Higher Education, Kumaracoil.TN.	Workshop on Research Methodology	Two Days 8 th and 9 th September, 2018.
5	Dr. V. P. Velmurugan	Internal Quality assurance cell, NICHE	Workshop on Outcome Based Education	2 nd November, 2018

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	-	-	-	-	-
2	-	-	-	-	-

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. M. Janarthanan Pillai	Resource person	SHG Training	Entrepreneurship skill	IOB Training centre, Lead Bank
2.	Dr. M. Janarthanan Pillai	Chief Guest	Orientation Programme	Motivation	Rajaa's Arts college, vadakankulam.
3.	Dr. M. Janarthanan Pillai	Resource person	Orientation Programme	Interview Techniques	Ponjesely college of Engg, Nagercoil.
4.	Dr. M. Sulaipher	Resource person	Outbound training programme	Soft Skills	N.I.Arts college ,Kumaracoil
5	Dr. Shubin Tad. M.C	Resource person	Outbound training programme	Soft Skills	N.I.Arts college ,Kumaracoil
6.	Prof. S.Fenin Samuel	Resource person	Outbound training programme	Soft Skills	N.I.Arts college ,Kumaracoil
7..	Prof. D. Deekshith	Resource person	Outbound training programme	Soft Skills	N.I.Arts college ,Kumaracoil
7.	Dr. Rathinamala	Chief Guest	College Day Function	Inaugural Speech	PSN Institute of Tech & science, Tirunelveli. 16.3.2019
8.	Dr. Rathinamala	Chief	School Day	Inaugural Speech	Malavia Vidya

		Guest	Function		Kendra, Kumaracoil. 15.3.2019
9.	Dr. Rathinamala	Resource person	Students & Teachers	1. Effect of teachers attitude. 2. Overcoming Fear	Vivega Metric Hr. Sce. School, Viralimalai. June 2019
10.	Dr. Rathinamala	Chief Guest	School Day	Inaugural Speech	Jayanthi Ramesh school, Nagercoil. March 2019
11.	Dr. M. Maria Jain Bruce	Resource person	Students & Teachers	1. Effect of teachers attitude. 2. Overcoming Fear	Vivega Metric Hr. Sce. School, Viralimalai. June 2019

7. Details of Seminars, Conferences and Refresher courses Organized:

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1.	Dr.K. A.Janardhanan	Padmavyuha -19	National	15 th March 2019
2.	Dr. M. Janardhanan Pillai	-	-	-
3.	Dr.R.Radhika	Padmavyuha -19	National	15 th March 2019
4.	Dr.V.P.Velmurugan	Padmavyuha -19	National	15 th March 2019
5.	Dr. M. Sulaipher	Padmavyuha -19	National	15 th March 2019
6.	Dr.Shibin Tad. M.C	Padmavyuha -19	National	15 th March 2019
7.	Prof. D.Deekshith	Padmavyuha -19	National	15 th March 2019
8.	Prof.S.FeninSamuel	Padmavyuha -19	National	15 th March 2019
9.	Prof. Kavitha Rani	Padmavyuha -19	National	15 th March 2019
10.	Dr. Asha. K	Padmavyuha -19	National	15 th March 2019
11.	Prof.Veena. V.S	Padmavyuha -19	National	15 th March 2019
12.	Prof. Jenusha Ananth y	Padmavyuha -19	National	15 th March 2019
13.	Prof.Lija P	Padmavyuha -19	National	15 th March 2019
14.	Prof. Priyadharsini. Y.A	Padmavyuha -19	National	15 th March 2019

15.	Prof. Dany Solomon	Padmavyuha -19	National	15 th March 2019
16.	Prof. Kishore	Padmavyuha -19	National	15 th March 2019
17.	Dr. Maria Jain Bruce	Padmavyuha -19	National	15 th March 2019
18.	Dr. Rathinamala	Padmavyuha -19	National	15 th March 2019

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
01	Dr K A Janardhanan	Review on the current construction and demolition waste management framework	International Journal of Civil Engineering and Technology	Volume 9, Issue 13,	December 2018,	
02	Dr K A Janardhanan	Behaviour of plastic aggregates in ecofriendly concrete	International Journal of Civil Engineering and Technology (IJCIET)	Volume 9, Issue 8,	August 2018,	
03	Dr. M. Janardhanan Pillai	Impact of Financial Inclusion on Excluded and of banking Strategies	ISSN: 2249-894X	Volume 8, Issue 2,	November 2018	Page: 01-12
1.	Dr. M. Janardhanan Pillai	Cashless Economy and its Impact on Economic Growth: A Scrutiny into the Thwack of thwack of Digital Payment System.	ISSN: 2249-2979	Volume 9, Issue 3,	2019	Page: 24-33
03	Dr.R.Radhika	Tamil expatriates and their problems	Management Researcher 2230-8431	Vol. XXV	March 2019	Page: 29-34
	Dr.R.Radhika	Green Banking	Management Researcher	Vol. XXV	March 2019	Page: 75-80

			2230-8431			
	Dr.R.Radhika	Impact of career plateau among school teachers in matriculations higher secondary school with special reference to kanyakumari district.	Global Journal for Research Analysis 2277-8160	2277-8160	July 2019	47-49
	Dr.R.Radhika	Matrics and influencers of viral advertising in social networking sites	Indian Journal of Research 2250-1991	Volume-07, issue no.10,	October 2018	53-54
	Dr.R.Radhika	Work life balance of women doctors in private hospitals of kanyakumarai district.	Indian Journal of Applied Research 2249-555X	Volume-08, issue no.08,	August-2018	29-31
	Dr.R.Radhika	A Summary on progression of Social Media Marketing.	International Journal of Management and Applied Science.	Volume-04, issue no. 07	July, 2018	Page. 75-81,
04	Dr. V. P. Velmurugan	Investors'' Behavior and Perceptions towards Stock Market: Structural Equation Modeling Approach	International Journal of Engineering & Technology (IJET)	Volume 7 Issue No (4.36)	2018	586 – 591
	Dr. V. P. Velmurugan	“ A study on Customer Satisfaction in LIC policies with Special Reference to Thuckalai branch”	International Journal of Engineering & Technology (IJET)	Volume 7 Issue No 2.33	Aug 2018	874 – 877

	Dr. V. P. Velmurugan	“ Impact of Occupational Stress in Quality Work Life of Teachers – A review”	Journal of Management (JOM) IAEME Publication	Issue- 3 Volume 5	Aug-2018	255-258
	Dr. V. P. Velmurugan	“ Role of social support in Quality Work Life of an Individual – A review”	Journal of Management (JOM) IAEME Publication	Issue- 4 Volume 5	Aug-2018	369-373
	Dr. V. P. Velmurugan	Impact of Organizational Culture on employee“ Job satisfaction based on Monetary and performance Factors in IT Industry in India: Report from companies in Techno park, Trivandrum	Journal of Business and Management (IOSR – JBM)	Issue 12 Volume 20,	Dec-2018	PP 16-20
	Dr. V. P. Velmurugan	Influence of Excellence as Organizational Culture on Employees“ Performance: Evidence from IT Companies in Trivandrum	Journal of Emerging Technologies and Innovative Research (JETIR)	Issue 12 Volume 5	Dec-2018	674-677
	Dr. V. P. Velmurugan	Application of Involvement and adaptability from Denison modal for the Analysis of Organizational culture in IT Industry	International Journal of Research and Analytical Reviews (IJRAR)	Volume 5 Issue 4	Dec-2018	1264-1268
	Dr. V. P. Velmurugan	Influence of Emotional	International Journal of	Volume8 Issue XII	Dec-2018	5077-5085

		Intelligence on Leadership	Management Technology and Engineering			
	Dr. V. P. Velmurugan	Recent trends in Customer Relationship Management with Special reference to Life Insurance Corporation of India	International Journal of Research and Analytical Reviews (IJRAR)	Issue 1 Volume-6	Feb-2019	184-194
	Dr. V. P. Velmurugan	A study on the Impact of E-HRM practices on Employee Satisfaction in Private Banking Sector	International Journal of Research and Analytical Reviews (IJRAR)	Vol – 6 Issue 2	June 2019	253-259
	Dr. V. P. Velmurugan	Emerging Strategy in CRM with Special Reference to Life Insurance Corporation of India	ISSN: 2230-8431	Special Issue Vol.XXV	Mar-2019	67-74

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
-	-	-	-	-	-

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Dr.M.JanarthananPillai	DDE course Material Prepared	Algappa university Karaikudai.	2018
2.	Dr.M.JanarthananPillai	Business Environment	Vikas Publications	2018
3.	Dr.M.JanarthananPillai	History of Economic thoughts	Vikas Publications	2018

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass % of outgoing batch		
	F	M		OC	BC	BCM		MBC/DNC		SC		SCA		ST	II		III		IV					
						M	F	M	F	M	F	M	F		M	F	M	F	M	F	M		F	
BBA	9	68	77	7	-	5	8	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	45.45
B. Com	10	18	28	4	-	1	9	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	83.33
MBA	15	23	38	3	2	1	9	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	82.5
M.Phil. Programme	4	-	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Ph.D Programme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diploma Certificate Courses (if any)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOOC/NPTEL/UGC online courses offered	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	38	109	171	14	2	32	22	-	-	33	3	-	-	-	-	-	-	-	-	-	-	-	-	

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	MBA	Indian	Kerala	12	6	18
-	-	-	-	-	-	-

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
1.	BBA	7	MBA	33	4		4			
	-	-	-	-	-	-	-	-	-	-

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-
2	-	-	-	-	-

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)	-	-	-	-	-	-	-
2	B.C.M.(State)	-	-	-	-	-	-	-
3	M.B.C./D.N.C.(State)	-	-	-	-	-	-	-
4	SC/SCA/ST(National)	-	-	-	-	-	-	-
5	SC/SCA/ST(State)	-	-	-	-	-	-	-
6	First Generation Free Education	-	-	-	-	-	-	-
7	Loan Scholarship	-	-	-	-	-	-	-
8	Others (Specify the name of the scholarship)	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-

16. Performance of the Students:

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1.	MBA	39	19	43	23	45	23	40	33	-	-	-	-	-	-	-	-
2.	BBA	33	6	31	5	19	6	19	4	25	5	22	10	-	-	-	-
	BCOM	14	2	9	2	8	3	8	3	6	4	6	5	-	-	-	-

17. Placement Details:

Name of the Placement co-ordinator: Prof. Deekshith			
Phone/Mobile Number :e-mail:dichi28@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	3	1
2	Number of Placements obtained through Campus Interview	3	1
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	35:3	10:1

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. M.S. Rathnamala	Appreciation Certificate from the District Collector.	Comparing during the Prime Minister Functions organized by NHAI.(K.K.Dist

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Prize	Agency
1	1. DervinMathan 2. Atlas Shabu 3. Aswa Logo 4. Vyshakh Krishnan 5. Nithin Abraham	Ad Zap	I	St.Xaviers Catholic College of Engineering
2.	1. AswaLigo 2. Selva Kumar 3. Salman	Best Bidding	II	CSI Institute of Technology, Thovalai.
3.	1. Atlas Shabu 2. DervinMathan	General Quiz	I	CSI Institute of Technology, Thovalai
4.	1. DervinMathan 2. Atlas Shabu 3. AswaLigo 4. Vyshakh Krishnan 5. Nithin Abraham	Ad Zap	I	Maria college of Engineering
5.	1. AnuMahendran 2. Godfery	Business Quiz	I	Maria college of Engineering
6.	1. Akash S.P 2. Albinjith	Video	I	Loyola Institute of Technology, Thovalai.

20. Department Meetings Held : BOS,Pragramme Committee, Course Committee etc.

S.No	Name	Date
	BOS Meeting	
1.	I Programme Committee - S1 M. Phil	0 5.2.2018
2.	II Programme Committee - S1 M. Phil	09.11.2018
3.	III Programme Committee - S1 M. Phil	05.10.2018
4.	I Programme Committee – S2 M. Phil	14.03.2019
5.	II Programme Committee – S2 M. Phil	16.04.2019
6.	III Programme Committee – S2 M. Phil	21.05.2019
7.	I Programme Committee – S1 MBA	05.02.2018
8.	II Programme Committee – S1 MBA	09.11.2018
9.	III Programme Committee – S1 MBA	05.10.2018
10.	I Programme Committee – S2 MBA	14.03.2019
11.	II Programme Committee – S2 MBA	16.04.2019
12.	III Programme Committee – S2 MBA	21.05.2019
13.	I Programme Committee – S3 MBA	14.09.2018
14.	II Programme Committee – S3 MBA	10.10.2018
15.	III Programme Committee – S3 MBA	12.01.2018
16.	I Programme Committee – S4 MBA	20.03.2019
17.	II Programme Committee – S4 MBA	09.04.2019
18.	III Programme Committee – S4 MBA	22.04.2019

19.	Programme Committee – BBA(1 YEAR)	08.10.2018
20.	Programme Committee – BBA(II &III YEAR)	29.10.2018
21.	Programme Committee – B.Com	29.10.2018

21. Infrastructure and Research facilities available (Please specify equipments More than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out:

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	-	-	-	-
2	-	-	-	-

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1413	7	No. of titles available	
2	Books added during the year 2018-19	73	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	2
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	15
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.)	-	12	Availability of Language Lab	-
			13	NDL membership 15. Faculty members 16. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches: 1

25. Consultancies: NIL

26. No. of NET/SET/GATE/CSIR Qualified students: NIL

27. MOUs signed: NIL

28. Innovations and Best Practices: NIL

29. Academic Flexibility:

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1.	Brand Management	NPTEL	1	
2.	Customer relationship Management	NPTEL	6	
3.	Economics for health & Health care	NPTEL	5	
4.	Business analysis & Data Mining	NPTEL	2	
5.	Personality Development	NPTEL	5	
6.	Data Analysis & Decision Making	NPTEL	2	
7.	Decision making under certainty	NPTEL	1	
8.	Consumer Marketing	NPTEL	1	
9.	Acknowledgment list for Entrepreneurship	NPTEL	1	
	Total		24	

NAME OF THE DEPARTMENT: MATHEMATICS

1. Department Details :

Name of the School	Faculty of Science and Humanities	
Name of the HOD, Phone No. and E-mail ID	Dr.M.Immaculate Mary, Phone No. : 9442006514 E-mail ID : imma_arul@yahoo.com	
Year of Establishment	1989	
Telephone Number	-	
Website / E mail	nichemaths@yahoo.com	
Special Status : (if any)		

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.S.Ramachandran	M.Sc., Ph.D.	Prof.	Graph Theory	44y 10m	20Y	dr.s.ramachandran@gmail.com 04652250364
2	Dr.M.Immaculate Mary	M.Sc., M.Phil, B.Ed, Ph.D.	Prof. & HOD	Stochastic Processes	25 Y 10 M	11 Y	imma_arul@yahoo.com 04652-279857 9442006514
3	Dr.P.B.Sarasija	M.Sc., Ph.D.	Prof.	Graph Theory	24y 4m	13Y	sijavk@gmail.com 04651-236160 9443002541
4	Dr.T.M.Selvarajan	M.Sc., M.Phil, B.Ed, Ph.D.	Asst. Prof.	Graph Theory	25y 8m	11Y	selvarajan_26@yahoo.co.in 9443844903 04651-252881
5	Dr.S.Kumaresan	M.Sc., M.Phil. <u>Ph.D</u>	Asst. Prof.		26y 10m	9Y	suthanthiraabi@gmail.com 04651-250298 9443993893
6	Dr.K.UmaSamundesvari	M.Sc.,M.Phil, PGDCA, Ph.D.	Asst. Prof.	Graph Theory	20y 6m	9Y	kus_krishna@yahoo.co.in 04652-275024 98940 71318
7	Dr.R.Binthiya	M.Sc., M.Phil,Ph.D.	Asst. Prof.	Graph Theory	12y 4m	8Y	binthiya_r@yahoo.co.in 04652-251836 9487820221
8	Dr.P.Nageswari	M.Sc.,M.Phil, PGDCA , Ph.D.	Asst. Prof.	Graph Theory	16y	8Y	nageswari.kannan06@gmail.com 04651-261115 9677318713

9	Dr.K.Uma Devi	M.Sc.,B.Ed., M.Phil,HDCA, Ph.D.	Asst. Prof.	Graph Theory	11y 6m	9Y	devi.uma30@gmail.com 9487659151
10	Dr.D.Sheeba Singh	M.Sc., M.Phil, Ph.D.	Asst. Prof	Stochastic Processes	11y 3m	8Y	dssheeba@gmail.com 9442606150
11	Dr. M.Sudha	M.Sc., <u>M.Phil</u> , B.Ed., <u>Ph.D</u> .	Asst. Prof.	Graph Theory	10y 10m	6Y	sudha.jeyakumar@y ahoo.in 04651253339 9486962339
12	Mr.G.VictorJeya Chandra	M.Sc., M.Phil, B.Ed.	Asst. Prof.	-	11y 7m		victorjeyacg@gmail.c om 9486757921
13	Mrs.P.JebaSheej a	M.Sc., M.Phil, B.Ed.	Asst. Prof.	Graph Theory	10y 2m	2Y	petersheeja10@gmail.com 9655721162
14	Dr.J.John Arul Singh	M.Sc., M.Phil, Ph.D.	Asst. Prof.	Graph Theory	8y 1m	10Y	arul_singh_maths@y ahoo.com 9944509724
15	Ms.C.Saranya	M.Sc.	T.A.	-	2	-	

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumul ative	18-19	Cumu lative	18-19	Cumu lative	18-19	Cu mul ative	18-19	Cum ulati ve	18-19	Cum ulati ve	M. Phil	Ph.D.
1	Dr.S.Ramac handran	-	7	1	42	23	159					-	-	-	3
2	Dr.M.Imma culate Mary	-	-	3	14	-	-	208	495	1	6	-	-	6	1
3	Dr.P.B.Sara sija	-	5	3	38	6	71	313	784	1	6	-	-	6	4
4	Dr.T.M.Sel varajan	-	1	3	11	-	1		490	1	8	-	-	8	-
5	Dr.S.Kumare san	-	-	-	3	-	-		350	-	1	-	-	1	-
6	Dr.K.UmaS amundesvar i	-	2	2	1	-	7	353	566	1	6	1	1	6	1
7	Dr.R.Binthe ya	-	2	-	7	-	22	230	536	1	6	-	-	6	-
8	Dr.P.Nages wari	-	1	-	4	-	3	143	350	-	3	-	-	3	-
9	Dr.Sheebe Singh	-	-	3	9	-	-	223	350	-	1	-	-	1	-
10	Dr.K.Uma Devi	-	-	-	5	-	-	130	376	-	3	-	-	3	-
11	Dr. M.Sudha	-	-	-	7	-	-	153	450	-	2	-	-	2	-

12	Mr.G.VictorJ eya Chandra	-	-	-	-	-	-	140	325	-	1	-	-	1	-
13	Mrs.P.JebaS heeja	-	-	1	1	-	-	175	335	-	1	-	-	1	-
14	Dr. J. John Arul Singh	-	1	-	5	-	5	150	475	1	6	-	-	6	1

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr. S.Ramachandran	DST-Govt of India	Characterization of Isomorphic graphs, Digraphs and Hyper graphs using vertex proper substructures.	06-06-2015	05-06-2018	Rs 23,58,000/-
2						

5. a) Participation of the Faculty members to present papers in Congresses / Conferences / Seminars/ Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/ Conference/ Seminar /Workshop and Venue	Title of the paper	Period
1	Dr.M.Immaculate Mary	ETMPC 2019 NICHE	a) Wavelet Transforms in Texture Analysis	22-02-2019
2	Dr.Sheebe Singh		b) Vertex PI Index of Some Planar Graphs c) Gompertz Distribution with Different Univariate Priors d) Fuzzy Bayesian Inference For Gamma Distribution	
3.	Dr.P.B.Sarasija	ETMPC 2019 NICHE	a) Minimum Covering Gutman Energy of Unitary Cayley Graphs	22-02-2019
4.	Dr.T.M.Selvarajan	ETMPC 2019 NICHE	b) Randic Index and Randic Energy of Certain Graphs	
5.	Dr.K.Uma Samundesvari	ETMPC 2019 NICHE	a) Harary Index Using Minimum Dominating Distance of Certain Graphs b) Entire Zagreb Polynomials of Certain Graphs c) Monophonic Distance in Graph Embedding d) Wiener Index of Certain Graphs Using Distance Laplacian Matrix	22-02-2019

6.	Dr.R.Binithiya	ETMPC 2019 NICHE	The Distance Energy of Order Prime Graphs	22-02-2019
7.	Dr.P.Nageswari	ETMPC 2019 NICHE	Extended Energy of Graphs	22-02-2019
8.	Dr. M.Sudha	ETMPC 2019 NICHE	An Application of K-Even Even Edge Graceful Graphs	22-02-2019
9.	Mrs.P.JebaSheeja	ETMPC 2019 NICHE	Even Elegant Labeling of Some Graphs	22-02-2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr.Kavikumar Jacob, Associate Professor,	Department of Mathematics and Statistics, Universiti Tun Hussein Onn, Malaysia.	Malaysia.	07-12-2018	International Seminar
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.T.M.Selvarajan	Resource Person	Workshop	LaTeX	24.06.2019 & 25.06.2019 NICHE
2	Dr. K.UmaSamundesvari	Resource Person	Workshop	LaTeX	
3	Dr. R. Binithiya	Resource Person	Workshop	LaTeX	
4	Dr. J. John Arul Singh	Resource Person	Workshop	LaTeX	

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1.	Dr.M.Immaculate Mary	Workshop on LaTeX	State Level	24.06.2019 & 25.06.2019
2.	Dr. M. Immaculate Mary	Seminar	International Level	07-12-2018
3.	Dr. M. Immaculate Mary	Conference- ETMPC 2019	International Level	22-02-2019

		Workshop on LaTeX		24.06.2019 & 25.06.2019
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8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1	P. Sree Devi, D. Sheeba Singh ,M. Immaculate Mary	The Hierarchical, Robust and the Fuzzy Bayes ^{cc} Inferences	International Journal of Scientific Research and Review 2279-543X	8(3)	2019	795- 808
2	AneeshBabu M, M.Immaculate Mary, D Sheeba Singh	Wavelet Transforms in Texture Analysis	International Journal of Scientific Research and Review 2279-543X	8(3)	2019	662-667
3	P. Sree Devi, D. Sheeba Singh ,M. Immaculate Mary	Fuzzy Bayesian Inference for Gamma Distribution	Journal of Computational Information Systems 1553-9105	15(1)	2019	247-256
4	D.AhilaJeyanthi, Dr. P. B. Sarasija, Dr. T. M. Selvarajan	Randic Index and Randic Energy of Certain Graphs	International Journal of Scientific Research and Review 2279-543X	8(3)	2019	668-672
5	Roshan Sara Philipose Sarasija P.B	Minimum Covering Gutman Energy of A Graph	International Journal of Science and Technology 2277-8616	5 (1)	2019	01-11
6	Roshan Sara Philipose Sarasija P.B	Minimum Covering Gutman Energy of Unitary Cayley Graphs	International Journal of Recent Technology and Engineering 2277-3878,	8(2S3)	2019	1079-1081
7	Thilaga C. Sarasija P.B	Wiener and Hyper–Wiener Indices of Unitary Addition Cayley Graphs	International Journal of Recent Technology and Engineering 2277-3878,	8(2S3)	2019	131-132

8	T.M. Selvarajan, S. Sriram, R.S. Ramya	Einstein Operations of Intuitionistic Fuzzy Matrices	International Journal of Recent Technology and Engineering 2277-3878	8, 1C2,	2019	1102-1106
9	T.M. Selvarajan, SwapnaRaveendr an	Quotient Square Sum Cordial Labeling	International Journal of Recent Technology and Engineering 2277-3878	8(2S3	2019	138-142
10	Dr. K. Uma Samundesvari, J.MariaRegila Baby	Harary Index Using Minimum Dominating Distance of Certain Graphs	International Journal of Scientific Research and Review 2279-543X	8(3)	2019	735-741
11	Dr. K. Uma Samundesvari, J.MariaRegila Baby	Complete Cototal Domination Number of Certain Graphs	International Journal of Recent Technology and Engineering 2277-3878	8(IC2)	2019	1107-1109
12	P.JebaSheeja ,M.DevaSaroja	Even Elegant Labeling Of Some Graphs	International Journal of Scientific Research and Review 2279-543X	8(3)	2019	758-762

9. Details of patents applied/registered: NIL

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs: NIL

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. No.	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength	Pass Percentage of outgoing batch		
		F	M		OC	BC	BCM		MB C/ DN C	SC		SC A		ST	II					
							M	F		M	F	M	F		M	F			M	F
	UG Programme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	PG Courses	7	1	8	-	1	1	6	-	-	-	-	-	-	-	-	-	4	100	
	M.Phil. Programme	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	
	Ph.D Programme	2	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	2	-	
	Diploma Certificate Courses (if any)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MOOC/NPTEL/UGC online courses offered	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	11	1	16	-	1	1	8	-	-	-	-	-	-	-	-	-	7	100	

12. Enrolment of Students from Overseas and other States: NIL

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.				
	Male	Total	Male	Total	FT	PT	Total	FT	PT	Total		
	Male	-	Male	-	Male	-	-	-	Male	-	-	-
	Female	-	Female	4	Female	6	-	6	Female	-	1	1

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded: NIL

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15. Scholarships Awarded: NIL

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	M.Phil.	6	6	6	6												-
2	M.Sc.	4	4	4	4	4	4	4	4								

17. Placement Details:

Name of the Placement co-ordinator : Dr.M.Sudha			
Phone/Mobile Number : 9486962339e-mail:sudha.jeyakumar@yahoo.co.in			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	3
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	100%	60%

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1.	Dr. K. Uma Samundesvari	Successfully Completed NPTEL Course with Score 85%	NPTEL/SWAYAM IIT Kharagpur
2.	Dr. R. Binthiya	Successfully Completed NPTEL Course with Score 92%	NPTEL/SWAYAM IIT Kharagpur
3.	Dr. D. Sheeba Singh	Successfully Completed NPTEL Course with Score 75%	NPTEL/SWAYAM IIT Kharagpur

4.	Dr. M. Sudha	Successfully Completed NPTEL Course with Score 70%	NPTEL/SWAYAM IIT Kharagpur
5.	Mr. G. Victor Jeyachandra	Successfully Completed NPTEL Course with Score 82%	NPTEL/SWAYAM IIT Kharagpur

19. Outstanding achievements by Students: NIL

S. No.	Name of the Student	Achievements	Agency
1			

**20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.**

S.No	Name	Date		
1.	BOS	30-01-2018	09-05-2018	15-05-2018
	Course Committee Programme Committee etc.			
2.	Course Committee	1	2	3
	MA2101	18-09-2018	25-10-2018	28-11-2018
	MA2201	14-08-2018	24-09-2018	09-11-2018
	MA2102	14-02-2019	21-03-2019	21-05-2019
	MA 2203	13-02-2019	13-03-2019	30-04-2019
	MA2204	13-02-2019	13-03-2019	30-04-2019
3.	Programme Committee	1	2	3
	S1 M.Sc	11-09-2018	26-10-2018	26-11-2018
	S3M.Sc	12-07-2018	03-08-2018	10-09-2018
	S1 M.Phil	14-09-2018	27-10-2018	27-11-2018
	S2 M.Sc	12-02-2019	02-04-2019	02-05-2019
	S4 M.Sc	08-01-2019	06-03-2019	25-04-2019
	S2 M.Phil	14-02-2019	02-04-2019	02-05-2019
4.	Class Committee	1	2	3
	S1 M.Sc	12-10-2018	19-11-2018	21-12-2018
	S3 M.Sc	14-08-2018	25-09-2018	08-11-2018
	S1 M.Phil	20-09-2018	10-10-2018	12-11-2018
	S2 M.Sc	23-03-2019	26-04-2019	29-05-2019
	S4 M.Sc	30-01-2019	25-03-2019	08-04-2019
	S2 M.Phil	06-03-2019	10-04-2019	08-05-2019

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) : NIL

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Mathematics Literacy Program	Students of Std. I to Std.V	14-06-2019	Govt. Primary School, Muttaikadu

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: **Dr.R.Binthiya**

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1025	7	No. of titles available	276
2	Books added during the year 2015	59	8	No. of CDs and Digital Books Available	0
3	No. of Indian Journals/ Magazines	5	9	No. of Foreign Magazines/Journals	0
4	No. of data bases available	0	10	No. of Online Journals	24
5	Average No. of students visiting the Library per day	3	11	Average No. of books Issued per day	4
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	0	12	Availability of Language Lab	Nil
			13	NAD membership 1. Faculty members 2. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	Computer		2	7	Network		
2	Laptops		-	8	Fax		-
3	Printer		-	9	Smart Class	A214	1
4	LCD Projector		-	10	Software/ Data base		-
5	Net Connection Wi-Fi: Wired:		1	11	Others		-
6	Scanner		-				

24. Collaborative Researches :NIL

25. Consultancies :NIL

26. No. of NET/SET/GATE/CSIR Qualified students:2

27. MOUs signed :NIL

28. Innovations and Best Practices :

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

30. Others

SI.NO	Name	Title of the Program	Duration
1.	Dr.M.Immaculate Mary	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
2.	Dr.M.Immaculate Mary	Outcome Based Education	02.11.2018
3.	Dr. K.UmaSamundesvari	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
4.	Dr.R.Binithiya	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
5.	Dr.R.Binithiya	Basic Life Support and First Aid Skills	28.03.2019
6.	Dr.R.Binithiya	Outcome Based Education	02.11.2018
7.	Dr.P.Nageswari	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
8.	Dr.K.Uma Devi	Outcome Based Education	02.11.2018
9.	Dr.K.Uma Devi	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
10.	Dr.K.Uma Devi	Emerging Trends in Mathematical,Physical and Chemical Sciences	22.02.2019
11.	Dr, D. Sheeba Singh	Outcome Based Education	02.11.2018
12.	Dr, D. Sheeba Singh	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
13.	Dr, D. Sheeba Singh	Workshop on e-Resources	
14.	Dr, D. Sheeba Singh	Emerging Trends in Mathematical,Physical and Chemical Sciences	22.02.2019
15.	Dr. M. Sudha	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
16.	Dr.M.Sudha	Recent Developments in Graph Theory	04.02.2019
17.	Dr.M.Sudha	Workshop on e-Resources	25.06.2019
18.	Mr.G.VictorJeya Chandra	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018

19.	Mrs.P.JebaSheeja	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018
20.	Mrs.P.JebaSheeja	Emerging Trends in Mathematical,Physical and Chemical Sciences	22.02.2019
21.	Dr . John Arul Singh	Emerging Trends in Mathematical,Physical and Chemical Sciences	22.02.2019
22.	Dr . John Arul Singh	Applications of Fuzzy in Intelligence System And Optimization Techniques	07.12.2018

NAME OF THE DEPARTMENT:COMPUTER APPLICATIONS

1. Department Details :

Name of the School	Department of Computer Applications
Name of the HOD, Phone No. and E-mail ID	Dr.J.R.Jeba , Mobile : 9442653616 Email : jrjeba@rediffmail.com
Year of Establishment	1994
Telephone Number	-
Website / E mail	Email : mcaniu2010@gmail.com
Special Status : (if any)	-

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Dr.M.K.JeyaKumar	MCA., M. Tech., Ph.D	Professor	Networking	24.10	13	jeyakumarmk@yahoo.com
2	Dr.J.R.Jeba	M.C.A., M.Phil, Ph.D	Associate Professor & HOD	Data Mining	21.6	10	jrjeba@rediffmail.com
3	Dr.M.Victor Jose	M.E, Ph.D	Associate Professor	Cloud Computing	21	9	mvictorjose@yahoo.com
4	Prof.S.Beulah	M.C.A., M.Phil,(Ph.D)	Associate Professor	Grid Computing	20.3	4	stephenbeulah@rediffmail.com
5	Dr.R.V.Siva Balan	M.C.A., M.Phil, Ph.D	Associate Professor	Software Engineering	12.10	9	rsvivan@gmail.com
6	Dr.U.Kumaran	M.E, Ph.D	Associate Professor	Networking	18	6	kumaran.u@rediffmail.com
7	Dr.A.C.Subhajini	M.S., M.Phil, Ph.D	Associate professor	Neural Networks	13.9	6	acsubhajini@yahoo.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1	Dr.M.K.JeyaKumar	3		16	70					1	1	4	7	1	7
2	Dr.J.R.Jeba	2		6	19					1	12	1		1	6
3	Dr.M.Victor Jose		2		6		14		162	1	1			01	06
4	Prof.S.Beulah	1	1	2	4	4	8			1	3				
5	Dr.R.V.Siva Balan	3		8	27							2	2	1	8

6	Dr.U.Kumaran	1		2	5								1	
7	Dr.A.C.Subhaji ni	2		2	8					3			1	5

4.. Research Schemes/Projects undertaken : Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of Faculty to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1.	Dr.J.R.Jeba	Workshop	Two day Workshop on "Training the Trainers", at Noorul Islam Centre for Higher Education	16-07-2018 to 18-07-2018.
2.	Dr.J.R.Jeba	Workshop	Two day Workshop on "Research Methodology", organized by Dept. of Management Studies at Noorul Islam Centre for Higher Education.	08-03-2018 to 09-03-2018
3.	Dr.J.R.Jeba	Workshop	A Workshop on "Outcome based education", organized by Quality Assurance Cell, at Noorul Islam Centre for Higher Education.	02-11-2018
4.	Dr.J.R.Jeba	Workshop	Two day Workshop on Research Methodology	08/03/2019 09/03/2019
5.	Dr.J.R.Jeba	Workshop	Workshop on Outcome Based Education	02.11.2018
6.	Dr.J.R.Jeba	Workshop	Workshop on " Basic Life Support and First Aid Skills"	28.03.2019
7.	Dr.M.Victor Jose	Workshop	Workshop on outcome based education	02 nd November 2018
8.	Dr.M.Victor Jose	Seminar	Training on Basic life support and First Aid Skills	28 March 2019
9.	Ms.S.Beulah	Workshop	Two days workshop on Research Methodology	March 8 th and 9 th 2018
10.	Ms.S.Beulah	Workshop	One day workshop on Outcome based education, organization	2 nd November 2018
11.	Ms.S.Beulah	Seminar	E-Resources	25 th June 2019
12.	Dr.R.V.SivaBalan	Workshop	Workshop on Outcome based education	02/11/18

13.	Dr.R.V.SivaBalan	Workshop	Workshop on LaTeX	24/06/19 – 25/06/19
14.	Dr.R.V.SivaBalan	Conference	NCICSE'19, Conference on Innovative Computing Science and Engineering.	02, April 2019
	Dr. U.Kumaran	Workshop	Two day workshop on LaTeX	24-06-2019 to 25-06-2019
	Dr. AC Subhajini	workshop	Team Building by ICTACT	14-09-2018 to 15-09-2018

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
2	Dr.J.R.Jeba	DC Member			St.Xaviers College , Palayamkottai 06.08.2018
3	Dr.J.R.Jeba	DC Member			St.Xaviers College , Palayamkottai 16.10.2018

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Dr.J.R.Jeba	A Method of A-BAT Algorithm Based Query Optimization for Crowd Sourcing System	I.J. Intelligent Systems and Applications	10(3):33-40 · March 2018	2018	DOI: 10.5815/ijisa. 2018.03.04

2.	Dr.J.R.Jeba	Performance Evaluation of Proposed Algorithm in Real Time	Journal of Engineering and Applied Sciences	ISSN : 1816-949X 14(5), 1669-1705	2019	
		Streaming Warehouses				
3.	Dr.J.R.Jeba	An Improved and User-Friendly Scheduling Approach in Streaming Data Warehouses	Jour of Adv Research in Dynamical & Control Systems	Vol. 10, 09-Special Issue, 2018 Pg : 1132-1136	2018	
4.	Dr.J.R.Jeba	Comparison of RECSS algorithm with EARH and Cuckoo Search Algorithm	Jour of Adv Research in Dynamical & Control Systems	Vol. 10, 09-Special Issue, 2018 Pg : 1137-1144	2018	
5.	Dr.J.R.Jeba	Three Step Verification Systems using Extremely Protected by Social NETworking	International Research Journal of Computer Science	Issue : 7, Volume 5 (July 2018)	2018	
6.	Dr.J.R.Jeba	Noise Reduction using Character Density Approach	International Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249 – 8958, Volume-8, Issue-2S, December 2018	Dec 2018	
7.	Dr.M.Victor Jose	A review on brain tumor segmentation techniques	International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X	Volume 4, Issue 5	2018	pp. 262-265
8.	Dr.M.Victor Jose	A Probabilistic Approach for Detecting Node Failures in Mobile Wireless Networks	International Journal of Computer Trends and Technology , ISSN: 2231 – 2803	Volume 61 Number 1	2018	pp. 30-34
9.	Dr.M.Victor Jose	Big Data and Cloud computing: Review and future trends	International Journal of Computer Sciences and Engineering, E-ISSN: 2347-2693	Vol.-6, Issue-12	Dec 2018	pp. 361-365

10.	Dr.M.Victor Jose	Assessment of the Cloud Intrusion Detection System: A Survey	Jour of Adv Research in Dynamical & Control Systems	Vol. 11, Special Issue-03	2019	pp.1617-1635
11.	Prof.S.Beulah	An optimal method for duplication detection and elimination from air pollution data of wireless sensor network	International Journal of Environment and Waste Management	Volume 21, Issue 2-3	2018	172-183
12.	Prof.S.Beulah	Comparative Study of De-Duplication Methods for Sensor Data in Cloud Storage	Journal of Computational and Theoretical Nanoscience	Vol 15, Issue 6-7	2018	2179-2183
13.	Prof.U.Kumaran	Optimal Method For Segmentation Of Liver On CT And MRI	International Journal of Research and Analytical REviews P- ISSN 2349-5138	Volume 6, Issue 2	June 2019	771-775
14.	Prof.U.Kumaran	SENTIMENT ANALYSIS OF CUSTOMER FEEDBACK USING BIG DATA MINING: A SURYEY	International Journal of Research and Analytical Reviews, E-ISSN 2348-1269	Volume 6, Issue 2	June 2019	600-605

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-2019		Total	Community												Existing Students, Strength			Pass Percentage of outgoing batch							
		F	M		OC	BC	BCM		MBC/DNC		SC	SCA		ST	II		III		IV								
							M	F	M	F		M	F		M	F	M	F	M		F	M	F	M	F		
	UG Programme	-	-																								
	PG Courses (MCA)	18	6	24	6		9	10	3		3		1					10	24								
	M.Phil. Programme																										
	Ph.D Programme	6	1	7		2	1	4																			
	Diploma / PG Diploma / Certificate Courses (if any)																										
	Total																										

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	MCA	Indian	Tamil Nadu	19	29	48
			Kerala	8	1	9

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
1			MCA	21					2	2

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
	MCA	-	-	-	-	25	16	24	17	21	16	21	21				

17. Placement Details:

Name of the Placement co-ordinator : Dr.R.V.SivaBalan			
Phone/Mobile Number :9944071041e-mail:rvsivan@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	4	6
2	Number of Placements obtained through Campus Interview	4	6
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	31%	

18. Outstanding achievements by the Faculty Members:l

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1			
2			

**20. Department Meeting Held :
Programme Committee, Course Committee etc. BOS**

S.No	Name	Date	
1.	Course Committee Programme Committee Etc.	Course Committee : 15/11/2018 Programme Committee : 22.04.2019, 01.03.2019, 11.01.2019, 29.10.2018, 12.09.2018, 31.08.2018	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S.No .	Name of the Equipment	Specifi- ations	Nos.	S.No .	Name of the Equipment	Specifications	Nos.
1	Computer	Pentium Core2-Duo	74	7	Network		-
		Pentium-D	3				
		Pentium III	1				
		Linux Server	1				
2	Laptops		1	8	Fax		
3	Printer		6	9	Smart Class		1
4	LCD Projector		1	10	Software/ Database		
5	Net Connection Wi-Fi: Wired:			11	Others		-
6	Scanner		-				

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Prof.S.Beulah

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1059	7	No. of titles available	940
2	Books added during the year 2018	8	8	No. of CDs and Digital Books Available	-

3	No. of Indian Journals/ Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	1	11	Average No. of books Issued per day	1
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	-	12	Availability of Language Lab	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches :

Nil

25. Consultancies : Nil

26. No. of NET/SET/GATE/CSIR Qualified students: Nil

27. MOUs signed :Nil

28. Innovations and Best Practices :

NAME OF THE DEPARTMENT:MECHANICAL ENGINEERING

1. Department Details :

Name of the School	Noorul Islam Centre for Higher Education
Name of the HOD, Phone No. and E-mail ID	Dr.N.Abilash,9442538863, niceabi@rediffmail.com
Year of Establishment	1996
Telephone Number	9486856128
Website / E mail	www.nichemechanical.com / nichemechanical@gmail.com
Special Status : (if any)	NAAC Accredited “A” Grade

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1.	Dr.N.Chandrashekhara	Ph.D	Professor & PVC of NIU	Applied Mechanics	36	8	drncshekhar60@yahoo.com 9486856103
2.	Dr.M.DevAnand	ME, MBA, Ph.D	Professor & Director (Research)	Intelligent Robotics	16	14	anandpmt@hotmail.com 9486758653
3.	Dr.G.M. Joselin Herbert	ME, Ph.D	Professor	Thermal Engineering	18	12	joselindev@yahoo.com 9442381611
4.	Dr.N.Ramasamy	ME, Ph.D	Professor	Engg. Design	31	8	nramasamy2002@yahoo.com 9486085018
5.	Dr.N.Abilash	ME,Ph.D	Associate Professor	CIM	12.5	9	niceabi@rediffmail.com 9442538863
6.	Dr.R.Rajesh	ME,Ph.D	Associate Professor	Manufacturing Engineering	11	8	rajesh200345@yahoo.com 9488882073
7.	Mr.S.Raja	ME	Assistant Professor	CIM	12	3	srajame@rediffmail.com 9442177584
8.	Mr.S.Jenkins Hexley Dhas	ME	Assistant Professor	Machine Design	17	8	jenkinsdhas@yahoo.com 9486059241
9.	Mr.P.Jerold Jose	ME	Assistant Professor	Welding technology	9	4	jeroldjose@yahoo.co.in 9003989637
10.	Mr.R.RameshPalappan	M.E	Assistant Professor	Energy engineering & Management, Thermal Power Engg	18	6	rrpalappan@gmail.com 9486011477
11.	Mr.A.Unni Krishnan	ME	Assistant Professor	Thermal Engineering	17	6	unnikrishnan230575@gmail.com 9486270797
12.	Mr.S.SelvanNambi	ME	Assistant Professor	Manufacturing Technology	12	6	selvannambai78@yahoo.com 9578739365
13.	Mr.B.V.Subhanandh	ME	Assistant Professor	CAD/CAM	7	1	bvanandh@yahoo.com
14.	Mr.K.Eqbert	ME	Assistant Professor	CAD	5	4	eqbertmicheal@gmail.com 8300104776

15.	Dr.T.Judson Durai	ME, Ph.D	Assistant Professor	Manufacturing Engineering	9	5	judsondurai@yahoo.in 9962708310
16.	Mr.M.Aniber Benin	ME	Assistant Professor	Manufacturing Engineering	4	4	benin.m@gmail.com 9442500004
17.	Mr.S.Subash	ME	Assistant Professor	CAD/CAM	7	3	subashmail12@gmail.com 9486864170
18.	Mr. Jegan T	ME	Assistant Professor	CAD	16	-	tjegan63@gmail.com +91-8300271870
19.	Mr. Dinesh R	ME	Assistant Professor	Automobile	1	1	dineshrock26@gmail.com
20.	Mr. V Suresh Babu	ME	Assistant Professor	Engineering design	7	-	v.sureshababu@ymail.com +91-8122429611
21.	Mr. R Rabin	ME	Assistant Professor	Manufacturing Engineering	1	-	rabinshbin@gmail.com 8883259982

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D
1	Dr.N.Chandrasekhar	-	-		35	-	-	-	-	-	-	-	-	-	5
2	Dr.M.Dev Anand	4	9	22	73	-	272	-	-	-	-	8	4	-	12
3	Dr.G.M. JoselinHerbert	1	6	4	22	91	1177	33	385	-	-	-	1	-	3
				Reviewed	Cumulative										
				7	33										
4	Dr.N.Ramasamy	-	-	3	8	-		-	-	-	-	-	-	-	-
5	Dr.N.Abilash	3	3	4	15		55	-	-	-	-	-	-	-	3
6	Dr.R.Rajesh	2	2	4	21	-	55	-	-	-	-	-	-	-	2
7	Mr.S.Raja	-	-	1	6	-	-	-	-	-	-	-	-	-	-
9	Mr.S.Jenkins HexleyDhas	-	-	1	3	-	-	-	-	-	-	-	-	-	-
10	Mr.P.Jerold Jose	-	-	1	5	-	-	-	-	-	-	-	-	-	-
11	Mr.R.Ramesh Palappan	-	-	-	3	-	-	-	-	-	-	-	-	-	-
12	Mr.A.Unni Krishnan	-	1	-	6	-	22	-	-	-	-	-	-	-	-
13	Mr.S.Selvan Nambi	-	-	-	6	-	-	-	-	-	-	-	-	-	-

14	Mr.K.Eqbert	-	-	-	1	-	-	-	-	-	-	-	-	-	-
15	Dr.T.Judson Durai	-	-	-	2	-	-	-	-	-	-	-	-	-	-
16	Mr.M.Aniber Benin	-	-	-	3	-	-	-	-	-	-	-	-	-	-
17	Mr.S.Subash	-	-	-	7	-	-	-	-	-	-	-	-	-	-
18	Mr. Jegan T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Mr.B.V.Subhanandh	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Mr. Dinesh R	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Mr. V Suresh Babu	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Mr. R Rabin	-	-	-	-	-	-	-	-	-	-	-	-	-	-

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr. N. Abilash	DST - FIST	FIST- PROJECT (Level-1)	15 June, 2018		11700000/-

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Dr.G.M.Joselin Herbert	Workshop, MET College	One day workshop on hybrid energy & renewable energy	7th Aug 2019
2	Dr.G.M.Joselin Herbert	IEEE Region 10, Humanitarian technology conference (RIO-HTC) Energy & Environment at Sri Lanka Institute of Information technology (SLIIT) Colombo, srilanka	Energy analysis and projected attributes of sustainable retrofile a case study at SAINTGITS	Dec 2018
3	Dr.N.Abilash	National conference on Advances in energy efficient technologies(NCAEET19)	A review on calophyllum Inophyllum methylester as a biofuel in an unmodified diesel engine	3rd May 2019

4	Dr.N.Abilash	International conference on Materials, Manufacturing and Modelling (ICMMM-2019), VIT-Vellore	Appraisal on varied Natural and Artificial FRP composites	29 th - 31 st March 2019
5	Dr.N.Abilash	International conference on Emerging trends in mathematical, Physical and Chemical sciences (ETMPC-2019), NICHE	Assesment on Divergent Reinforced polymeric composite on natural fiber	22 nd Feb 2019
6	Dr.N.Abilash	International conference on Recent Advances in Engineering & Technology (ICRAET-2019), NICHE	Mechanical properties of hybrid natural fiber reinforced polyamides amalgams	12 th April 2019
7	Dr.R. Rajesh	ICRAET 2019	Development of optimized EDM parameters for LM25 Aluminium composite using prediction tool	12 th April 2019
8	Dr.R. Rajesh	ICRAET 2019	A review - studies on heat treatment of laser beam welded Ti,/Al dissimilar sheet metals	12 th April 2019
9	B.V.Subhanandh	National conference on Advances inenergy efficient technologies(NCAEET19)	A review on calophyllum Inophyllum methylester as a biofuel in an unmodified diesel engine	3 rd May 2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr.M.Satheesh	Arabian Gulf University	Bahrain	24/08/2018	seminar
2	Dr.R.Reji Kumar	Arabian Gulf University	Bahrain	21/08/2018	seminar

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.M.Dev Anand	Publication Chair	ICRAET2019	Conference	NICHE
2	Dr.G.M.Joselin Herbert	Chair Person	ICRAET2019	Paper Presentation	Mechanical smart class room 12th April 2019
3	Dr.N.Abilash	Conference chair	ICRAET2019	International conference	Hilltop auditorium 12th April 2019
4	Dr.N.Abilash	Resource Person	First Year	Induction Programe	NICHE & 20/08/2019 to 27/08/2019
5	Dr.N.Abilash	Resource Person	INFACT-2019	International conference	NICHE 24 th & 25 th Jan 2019
6	Dr.R.Rajesh	Chair Person	ICRAET2019	Paper Presentation	Mechanical smart class room 12th April 2019

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1	Dr.M.Dev Anand	Conference chair ICRAET2019 publication	International Level	12 th April 2019
2	Dr.G.M.Joselin Herbert	Conference secretary ICRAET2019 Organizing	International Level	12 th April 2019
3	Dr.N.Ramasamy	Conference secretary ICRAET2019 Organizing	International Level	12 th April 2019
4	Dr.N.Abilash	Conference Chair ICRAET2019	International Level	12 th April 2019
5	Dr.R.Rajesh	Conference secretary ICRAET2019 Organizing	International Level	12 th April 2019
6	S.Raja	Conference secretary ICRAET2019 Co-Organizing	International Level	12 th April 2019
7	Dr.P.Jerold Jose	Conference secretary ICRAET2019 Co-Organizing	International Level	12 th April 2019
8	Prof.S.Raja	NDT Workshop	National level	5/08/2019
9	Prof.S.Raja	Solid works Seminar	National level	22/08/2019
10	Prof.S.Raja	Seminar on Industrial automation	National level	02/08/2019

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1						
2	Dr.G.M.Joselin Herbert	Hydrogen a source of alternative fuel	An International open access journal of emerging technology and innovative research	Vol 5(12)	2018	
3	Dr.N. Ramasamy	An effective surface defect detection method using adaptive thresholding fused with PSO algorithm	International Journal of simulation : Systems, Science and technology	Vol 19 (6)	2018	11.1 - 11.7
4	Dr.N. Ramasamy	A heuristic fuzzy clustering approach for defect detection on titanium coated metal surface	Journal of Advanced research in Dynamical and control systems	Vol 10(4)	2018	105 - 111
5	Dr.N. Ramasamy	A modified adaptive thresholding method using cuckoo search algorithm for detecting surface defects	International Journal of advanced computer science and applications	Vol 10(5)	2019	214 - 220
6	Dr.R.Rajesh	Prediction of EDM process parameters for AISI 1020 steel using RSM, GRA and ANN	International Journal of recent technology and engineering	Vol 8(2S3)	2019	51-63
7	Dr.R.Rajesh & Dr.M.Dev Anand	PSO Research on cutting parameters in AWJM process	International Journal of recent technology	Vol 8(2S3)	2019	64-71

		for Aluminum 6061 Alloy	and engineering			
8	Dr.R.Rajesh	Development of Optimized EDM Parameters for LM25 Aluminium Composite Using Prediction Tool	Journal of Advanced Research in Dynamical and Control Systems	Vol 11(08)	2019	773 - 783
9	Sudhin Chandran,Dr.R .Rajesh & Dr.M.Dev Anand	A review-Studies on Heat Treatment of Lazer Beam WeldedTi,/ Al Dissimilar sheet metals	Journal of Advanced Research in Dynamical and Control Systems	Vol 11(08)	2019	725-733
10	Mr. S.Subash	Development and characterization of silk/Bamboo/Glass Nano polymer composites	International Journal of Mechanical and Production engineering research and development	Vol 8(6)	2018	211 - 216
11	Mr. S.Subash	Morphological and comparative characterization of silk/bamboo fiber reinforced epoxy composite	International journal of recent technology and engineering	Vol 7(5s3)	2019	2277 - 3878
12	Dr. N.Abilash	Appraisal on Mechanical Possessions of Crossbreed Natural Fiber Strengthened Polyamide Almagams	Jour of Adv Research in Dynamical & Control Systems	Vol. 11 (08)	2019	756-764
13	S. Raja& Dr.N. Abilash	A Review: Sources of Silica from Agro Waste and Its Extraction Methods	Jour of Adv Research in Dynamical & Control Systems	Vol. 11 (08)	2019	765-772

14	P. Jerold Jose, M. Dev Anand	Retrospective Study on Weld Bead Profile Study of Various Welding Process	Jour of Adv Research in Dynamical & Control Systems	Vol. 11 (08)	2019	827-831
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9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1.	-		-	-	-

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Dr.N.Abilash	Journal of Emerging Technology in Mechanical Science and Engineering	Dept of Mechanical Engg, NICHE	April 2019

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S · N O ·	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percent age of out going batch		
		F	M		OC		BC		BCM		MB C/ DNC		SC		SCA		ST		II		III			IV	
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
	UG Programme	0	63	63	18	0	41	0	-	-	4	0	-	-	-	-	-	-	108	0	155	1	111	2	68.18%
	PG Courses	0	3	5	1	0	4	0	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	80%
			2																2						50%
	M.Phil. Programme																								-
	Ph.D Programme	1	8	09	6		1				1								-	-	-	-	-	-	-
	Diploma / PG Diploma/ Certificate Courses (if any)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	1	76	77	25	0	46	0	-	-	5	0	-	1	-	-	-	-	115	0	155	1	111	2	

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State			Number of Students		Total
			TN	KL	MH	Male	Female	
1.	B.E.	INDIAN	24	38	1	63	0	63
2.	M.E.	INDIAN	5	2	0	7	0	7
3.	Ph.D	INDIAN	3	6	0	8	1	9

13. P.G. and Research degrees awarded:

S. No	P.G.			M. Phil.			Ph.D.				
	COURSE		Total		FT	PT	Total		FT	PT	Total
1	CIM	5	4	-	-	-	-	-	-	3	3
2	TE	2	1	-	-	-	-	-	-	-	-

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No	Agency	Position (URF/JRF/SRF/RA/others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-
2	-	-	-	-	-

15.Scholarships Awarded:

S. No.	Nature of Scholarship	U.G		P.G		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)	-	-	-	-	-	-	-
2	B.C.M.(State)	28	-	-	-	-	-	7,30,000
3	M.B.C./D.N.C.(State)	-	-	-	-	-	-	-
4	SC/SCA/ST(National)	-	-	-	-	-	-	-
5	SC/SCA/ST(State)	-	-	-	-	-	-	-
6	First Generation Free Education	-	-	-	-	-	-	-
7	Loan Scholarship	-	-	-	-	-	-	-
8	Others (Specify the name of the scholarship)	-	-	-	-	-	-	-
	Total	28	-	-	-	-	-	7,30,000

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
	B.E(Mech)	64	6	92	24	104	19	153	28	159	40	110	26	114	42	113	77
	M.E	5	4	6	4	7	4	-	-	-	-	-	-	-	-	-	-

17. Placement Details:

Name of the Placement co-ordinator: K.Eqbert			
Phone/Mobile Number :8300104776e-mail:eqbertmicheal@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	63	-
2	Number of Placements obtained through Campus Interview	43	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	55.75%	-

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.G.M.Joselin Herbert	NPTEL course completed 71% with Elite certificate	NPTEL
2	Dr.N.Abilash	Staff achievement and best performing department award	NIMS
3	Dr.T.Judson Durai	Ph.D achiever award	NIMS

19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	Sidhu.S.B	UNSC	Mar Athanasius college
2	Aswin Raj	UNSC	Mar Athanasius college
3	Mohammed Nabel	UNSC	Mar Athanasius college
4	Sanoj sabu varghese	UNSC	Mar Athanasius college
5	Syam O.S	UNSC	Mar Athanasius college
6	Sidhu.S.B	Online course completed	Microsoft
7	Nabeel	Online course completed	Microsoft
8	Prejith P R	Online course completed	Microsoft
9	Sanoj sabu varghese	Online course completed	Microsoft
10	Aravibdh S.L	First prize in technical symposium	CSE department, NICHE
11	Gokul s kumar	Dance winner	Shahul Hameed memorial Engg College
12	Athil raj	Dance winner	Shahul Hameed memorial Engg College
13	Rajesh kumar.s	Dance winner	Shahul Hameed memorial Engg College
14	Kiran r	Dance winner	Shahul Hameed memorial Engg College
15	Hari sankar	Workshop on BMW engine diagnosis	IIT,Bombay
16	Govind P Hali	Workshop on BMW engine diagnosis	IIT,Bombay

17	Abdul irfan	Workshop on BMW engine diagnosis	IIT,Bombay
18	Amal	Workshop on BMW engine diagnosis	IIT,Bombay
19	Abu Thair	Workshop on BMW engine diagnosis	IIT,Bombay
20	Aswin Gillette	Workshop on BMW engine diagnosis	IIT,Bombay
21	Muhammad Bilal	Workshop on BMW engine diagnosis	IIT,Bombay
22	Hari Sankar S	Workshop on BMW engine diagnosis	IIT,Bombay
23	Abdul Irfan	Workshop on BMW engine diagnosis	IIT,Bombay
24	Abiram A.S	Workshop on BMW engine diagnosis	IIT,Bombay

20. Department Meetings Held :
BOS,Programme Committee, Course Committee etc.

S.No	Name	Date	Remarks
	Course Committee Programme Committee etc.		
1.	BOS	28/01/2019	Revising the curriculum and syllabus
2.	BOS	11/05/2019	Revising the curriculum and syllabus
3.	Programme Committee	09/08/2018	
4.	Programme Committee	11/09/2018	
5.	Programme Committee	15/10/2019	
6.	Programme Committee	01/02/2019	
7.	Programme Committee	01/03/2019	
8.	Programme Committee	22/04/2019	
9.	Course Committee	27/07/2018	
10.	Course Committee	15/09/2018	
11.	Course Committee	23/10/2018	
12.	Course Committee	04/02/2019	
13.	Course Committee	13/02/2019	
14.	Course Committee	27/06/2019	
15.	Second Class Committee meeting S1 Mech	12/04/2019	
16.	Third Class Committee meeting S2 Mech	18/05/2019	
17.	First Class Committee meeting S2 Mech	27/03/2019	
18.	First Class Committee meeting S6 Mech A	20/01/2019	
19.	Second Class Committee meeting S Mech A	27/02/2019	
20.	Third Class Committee meeting S6 Mech A	02/04/2019	
21.	Third Class Committee meeting S4Mech B	30/04/2019	

22.	Second Class Committee meeting S Mech B	13/03/2019	
23.	First Class Committee meeting S6 Mech C	05/02/2019	
24.	Second Class Committee meeting S Mech C	05/03/2019	
25.	First Class Committee meeting S8 Mech B	19/02/2019	
26.	Second Class Committee meeting S Mech B	15/03/2019	
27.	Second Class Committee meeting S Mech B	14/03/2019	
28.	First Class Committee meeting S6 Mech B	21/02/2019	
29.	First Class Committee meeting S5 Mech A	27/07/2018	
30.	Second Class Committee meeting S Mech A	15/09/2018	
31.	Third Class Committee meeting S5 Mech A	23/10/2018	
32.	Third Class Committee meeting S5 Mech C	24/09/2018	
33.	Second Class Committee meeting S Mech C	30/08/2019	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/ Software/Others	Quantity	Purpose Research/Practical
1	Stength of Materials	Universal Testing Machine	1	Practical
2	Stength of Materials	Computerizing of UTM with computer set electronic extensometer UPS	1	Research
3	Fluid Mechanics	Kaplan Turbine	1	Practical
4	Special machines	Master Model Gaurav Gear Hobbing Machine	1	Practical
5	Special machines	Hydraulic Press (150 TON)	1	Practical
6	Special machines	Taiwan Make Nammill Vertical Milling Machine	1	Research
7	Thermal	Wind Tunnel	1	Practical
8	Thermal	Boiler Test Rig with Turbine Condenser and Calorimeter	1	Practical
9	Thermal	Cupola Furnace with Motor	1	Practical
10	Metrology	Digital Micro Hardness Texter	1	Practical
11	CAD/CAM	Model TR5 Robot	1	Practical
12	CAD/CAM	Star CNC Turning	1	Practical
13	CAD/CAM	Star Mill CNC Turning	1	Practical
14	CAD/CAM	Duet CNC	1	Practical
15	CAD/CAM	Full Land CNC	1	Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Blood Donation	Tamil Nadu State AIDS Control Society and Blood Transfusion Council	03/03/2019	NICHE

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1251	7	No. of titles available	972
2	Books added during the year 2015	06	8	No. of CDs and Digital Books Available	50
3	No. of Indian Journals/ Magazines	02	9	No. of Foreign Magazines/Journals	NIL
4	No. of data bases available	NIL	10	No. of Online Journals	01
5	Average No. of students visiting the Library per day	20	11	Average No. of books Issued per day	02
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	2Mbps	12	Availability of Language Lab	NO
			13	NAD membership 17. Faculty members 18. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	Computer	I3 processor, 2GB RAM and 1TB ROM	40	7	Network	LAN	40
2	Laptops	CORE 2 Duo, LENEVO, 2GB RAM	1	8	Fax	NIL	
3	Printer	HP LASERJET AND BROTHER LASER JET	2	9	Smart Class	HITECHAI SMART BOARD WITH PROJECTOR AND SPEAKER	1
4	LCD Projector	DELL	3	10	Software/ Data base	PRO/CRIO, AUTODESK, ANYSYS	50 Users

5	Net Connection Wi-Fi: Wired:		40/2	11	Others	Nil	
6	Scanner	HP	01				

24. Collaborative Researches : Research collaborations in accessing laboratories and other facilities of ISRO Mahendragiri

25. Consultancies :

Sl.No	Date	Party Name	Amount
1	05-05-2019	Shanmuga Foundry	Rs-3000/-
2.	07-05-2019	Shanmuga Foundry	Rs-10000/-

26.No. of NET/SET/GATE/CSIR Qualified students: NIL

27. MOUs signed :

Sl.No	Name of the Company/ Institution	Month & Year
1	Alpine NDT, Cochin	Feb 2019
2	IREZ Engineers Academy	April 2019

28. Innovations and Best Practices :

- a. Ideation and Innovation Club
- b. Energy club
- c. FAME
- d. Placement Training

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	352	NPTEL	102	-

30. Others

Sl.NO	Name	Title of the Program	Duration
1.	Prof B.V.Subanath	Application of Fuzzy in intelligent system and optimization technique	7/12/2018
2.	Prof Eqbert	Learning inaitive of mooc's on swayam and aonline research tool	19-01-2019
3.	Prof Raja	Basic life support and first aid skill	28-03-2019
4.	Prof Jerold jose	Basic life support and first aid skill	28-03-2019

5.	Dr.Abilash	Basic life support and first aid skill	28-03-2019
6.	Dr.Abilash	Students Induction program	09-05-2019 to 11-05-2019
7.	Prof Suresh Babu	Workshop on E-resources	25-06-2019
8.	Dr. N. Ramasamy	Basic life support and first aid skill	28-03-2019

NAME OF THE DEPARTMENT: NANOTECHNOLOGY

1. Department Details :

Name of the School	Nanotechnology
Name of the HOD, Phone No. and E-mail ID	Dr. P. K. Praseetha
Year of Establishment	2009
Telephone Number	NA
Website / E mail	www.niuniv.com/ nanohod@niuniv.com

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. P.K. Praseetha	M.Sc., Ph.D	Associate Professor	Material Science	13 yrs		scandium.chemistry@gmail.com , 9944387763
2	Dr. S. Balamurugan	M.Sc., Ph.D	Associate Professor and Head	Biotechnology	10.5 yrs		nanohod@niuniv.com 9486855091
3	Dr. T. K. Sreeja	M.E	Assistant professor	Antennas	7 yrs		sreejaeng07@gmail.com 8056673966
4	Dr. R. Rimalssac	M.Tech	Assistant professor	Biotechnology	8 yrs		jebashiney@gmail.com 9787259614
5	Dr. M. Prabu	M.Sc, M.Tech, Ph.D	Assistant professor	Ferroelectrics	3.5 yrs	3.5	mprabuaps@gmail.com 9943373209
6.	Dr. S. Gobalakrishnan	M.Sc, M.Tech, Ph.D	Assistant professor	Material Science	8 yrs		skgobal@gmail.com 9786300919

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr. P. K. Praseetha	10	10	12	77	90	304	18	290	0	18	0	5	18	5

2.	Dr. S. Balamurugan	1 4					520				-	-	-	-	1
3.	Dr. T. K. Sreeja	4	4	-	9	-	38								-
4.	Dr. R. S. Rimal Isaac	6	6	1	18	2 8	128	1 2 5	127. 5	0	1	0	0	1	0
5.	Dr. M. Prabu	4		-			63								-
6.	Dr. S. Gobalakrishnan	7	7	0	16		204			0	0	0	0	0	0

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Praseetha P.K	DST	FIST- Funds for Infrastructure in Science and Technology	2017	2022	77 lakhs
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Dr. P. K. Praseetha	Global Conference on Reproductive health with focus on Occupational, Environmental and lifestyle factors (ISSRF-2019), organized by Indian council of Medical Research , Jawaharlal Nehru University, New Delhi	Application of Graphene Quantum Dots obtained from Garcinia cambogia and Citrus maxima by different methods	22 nd -24 th February 2019
2	Dr. P. K. Praseetha	Global Conference on Reproductive health with focus on Occupational, Environmental and lifestyle factors (ISSRF-2019), organized by Indian council of	Synthesis, Characterization and Bioactivity of Zinc Oxide nanoparticles	22 nd -24 th February 2019

		Medical Research , Jawaharlal Nehru University, New Delhi	from Delonixregia plant extract	
3	Dr. R. S. Rimal Isaac	International Conference on Frontiers in Analytical and Clinical Techniques (INFACT - 2019), NoorullIslam Centre for Higher Education, Kumaracoil, Kanyakumari District - 629 180.	Synthesis and Characterization of Silver Nanoparticles by using Aloe vera,	24 th to 25 th January 2019
4	Dr. M. Prabu	Workshop	Teaching Techniques	02-05-2019 to 03-05-2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. S. Gopalakrishnan	Chief Guest	Inauguration of computer science association	Inauguration of "Publish what you learn" programme and delivered talk on "scientific publications"	St. Alphonso College of Arts and Science, Karingal, KK district 09 th August 2019
2	Dr. S. Gopalakrishnan	Invited talk	Two days National Conference on "Recent Advances in Nanotechnology - (RAIN - 2019)"	Invited talk on "Carbon Nanostructure and Applications"	A. Veeraiya Vandayar Memorial Sri Pushpam College, Poondi, Thanjavur. 16 th & 17 th August 2019
3	Dr. S. Gopalakrishnan	Invited talk	International Seminar on Technologically Advanced Materials	Invited talk on "Nanotechnology Applications"	Muslim Arts College, Azhagiya Mandapam, Thiruvithancode. 06.09.2019

4	Praseetha P.K	Invited Talk	Workshop on Recent research approaches in Homoeopathy	Preparation of Research Models and Strategizing Research-	Saradha Krishna Homoeopathic Medical College, Kulasekharam, Kanyakumari District, Tamil Nadu, on 11 th Nov. 2018.
5	Praseetha P.K	Invited Talk-	International Conference on Recent advancements in biotechnology	Nanotechnology-The Promise of Tomorrow's Biotechnological innovations,	The department of Zoology, Pioneer Kumarasamy College, on 21st February 2018.

7. Details of Seminars, Conferences and Refresher courses Organised:

Sl. No.	Name of the Faculty	Congress/Conference/Seminar/Workshop/Symposia, etc. organized	State/National level	Period
1	Praseetha P.K	Hands on Training workshop XRD data analysis using TOPAS software	National	April 29 th and 30 th 2019
2	Praseetha P.K	Hands on Training Workshop on Molecular modeling using Gaussian Software	National	April 9 th , 2019
3	Praseetha P.K	International Conference on Frontiers in Analytical and Clinical Techniques, NICHE.	National	January 24 th -25 th 2019
4	Praseetha P.K	National Conference on RTNMTR-2018, Recent Trends in Nanomaterials and Thin films research, Thanjavur.	National	February 9 th -11 th , 2018

8. Publication of Research Papers at the State/National/International Levels:

Sl. No.	First Author Name	Other Author Details	Title of Paper	Journal Name/Publishers	Yearwise	Volume	Issue/Number	Pages	P-ISSN/eISSN
			A pharmacoinformatic approach on Cannabinoid receptor 2						

1	S. Vijayakumar	P. Manogar, S. Prabhu, M. Pugazhenthir, P.K. Praseetha	(CB2) and different small molecules: Homology modelling, molecular docking, MD	Computational Biology and Chemistry	2019	78		95-107	
			simulations, drug designing and ADME analysis						
2	Sharmistha Dutta Choudhury	Jiddhu M. Chethodil , Poojan Milan Gharat , Praseetha P. K. , and Haridas Pal	Insight on Molecular and Surface State Photoluminescence of Carbon Dots Revealed Through Solvent Induced Modulations in their Excitation Wavelength Dependent Emission Properties	J. of Photochemical and photobiological Sciences	2019	18		110-119	
3	M. Anto Godwin	K. Mahithashri, O. JebaShiney, Madhulika Bhagat, and P. K. Praseetha	Metal Incorporated g-C ₃ N ₄ Nanosheets as Potential Cytotoxic Agents for Promoting Free Radical Scavenging in Cancer Cell Lines	Journal of Nanoscience and Nanotechnology	2019	9	1	1-8	
			Quantum Dot-Sensitized Solar Cells	Journal of Computa					

4.	LekshmiGangadhar,	Anusha Kannan and P. K. Praseetha	via Integrated Experimental and Modeling Study	tional and Theoretical Nanoscience	2019	16		436-440	
5.	LekshmiGangadhar	P. K. Praseetha	A Novel Modeling of Quantum Dot Sensitized Solar Cells	Journal of Computational and Theoretical Nanoscience	2019	16		389-392	
6.	VijayakumarSubramanian	MorvinYabeshJobu Ester, Arulmozhi, Praveenkumar, ManogarPalani, P.K. Praseetha	Identification and isolation of antimicrobial compounds from the flower extract of Hibiscus rosa-sinensis L: Insilico and Invitro approaches	Journal of Microbial Pathogenesis	2018	123		527-535	
7.	Greeshma T,	Philip S, Rimal Isaac R.S., Praseetha P.K , Jiji S.G and Asha V.V	Preparation of an efficient and safe polymeric-magnetic nanoparticle delivery system for sorafenib in Hepatocellular carcinoma	Life Sciences	2018	206		10-21	

8.	S. Vijayakumar	S. Mahadevan, P. Arulmozhi, S. Sriram, P.K. Praseetha	Green synthesis of Zinc Oxide nanoparticles using <i>Alantia monophylla</i> leaf extracts: Characterization and antimicrobial analysis	Materials Science in Semiconductor Processing	2018	82		39-45	
9.	K.V. Jayashree	S.T. Gopukumar, M. Murugan, P.K. Praseetha* and G.S. Shruthi	Biosorption activity on rubber effluent by Aquatic plants	Journal of Applied Science and Computations	2018	5	9	1227-1257	
10.	Praseetha Prabhakaran Kala	FathimaMushrifa Anwar-Samath	Synthesis and Characterization of Graphene Flakes from Graphite by Using Biosurfactant - A Review	<i>Nano Biomed. Eng</i>	2018	10	3	235-242	

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1	Praseetha P.K.,	Quantum dots, Bioimaging	June 2019	E-2/2017/2019-CHE	-

2	Praseetha P.K.,	Pharma compounds, Bioconjugation	June 2019	E- 2/2020/2019- CHE	-
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10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Krishnasamy Ravichandran, Prabhakaran Kala Praseetha, Thirumurugan Arun and Suyamprakam Gobal Krishnan	Book Name: Synthesis of Inorganic Nanomaterials - Advances and Key Technologies Chapter 6: Synthesis of Nanocomposites	(Woodhead Publishing, - Technology & Engineering - 312 pages) ISBN: 978-0-08- 101975-7 (print) ISBN: 978-0-08- 101976-4 (online)	29- Jun- 2018 Page: 141- 168

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community										Existing Students, Strength	Pass Percentage of outgoing batch									
		F	M		O C	BC	BCM	MBC/ DNC	SC	SC A	ST	II	III	IV											
																	M	F	M	F	M	F	M	F	M
1	UG Programme	2	2	4														-	4	3	4	2	2	100	
2	PG Courses	1	1	2				1	1									-	3						100

3	M.Phil. Programme	-	1	1																-
4	Ph.D Programme																			
	Diploma Certificate Courses (if any)																			
	MOOC/NPTL/UGC online courses offered																			
Total																				

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B. Tech	Indian	Kerala	2	1	3

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
1		18		5	1		1			

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded:

S.No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15. Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
Total								

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B. Tech	4	2	4	2	4	3	4	2	6	6	7	5	4	3	4	3

17. Placement Details:

Name of the Placement co-ordinator: Dr. M. Prabu			
Phone/Mobile Number :9943373209e-mail:mprabuaps@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	NIL	NIL
2	Number of Placements obtained through Campus Interview	NIL	NIL
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	-	-

18. Outstanding achievements by the Faculty Members:l

Sl. No.	Name of the Faculty	Achievements	Agency
1	Praseetha P.K	77 lakhs funding for the Development of Infrastructure	DST-FIST

19. Outstanding achievements by Students:

Sl. No.	Name of the Student	Achievements	Agency
1	Sharin Maria Thomas	Triple Academy Fellowship	JNCASR- Bangalore

20. Department MeetingsHeld :

BOS,Programme Committee, Course Committee etc.

Sl. No.	Name	Date
1	BOS	04/05/2019
2	Program Committee	Odd: 9/08/18, 22/08/2018 Even: 12/02/2019, 20/03/2019
3	Class Committee	Odd: 21/09/2018, 24/10/2018, 29/11/2018 Even: 21/02/2019, 19/03/2019, 18/04/2019

21. Infrastructure and Research facilities available (Please specify equipments

more than TwoLakhs Only) :

Sl.No	Name of the Lab	Name of the Equipment	Quantity	Purpose
1	Nano Characterization Laboratory	Atomic Force Microscope	1	Research & Practical
		Electro Chemical Work Station	1	Research & Practical
		Particle Size Analyzer	1	Research & Practical
		FTIR	1	Research & Practical
		TGDTA	1	Research & Practical
		Ball Mill	1	Research & Practical
		Elga Ultra-Pure Water	1	Research & Practical
		UV-Vis Spectrophotometer	1	Research & Practical
		Surface Area Analyzer	1	Research & Practical
		XRD	1	Research & Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	627	7	No. of titles available	575
2	Books added during the year 2016	-	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/ Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available		10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	0.5	11	Average No. of books Issued per day	0.2
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	100 Mbps	12	Availability of Language Lab	No

			13	NDL Membership 1. Faculty 2. Students	NIL
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24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.				
1	Projector		1				
2	Laptop		1				
3	Speaker		1				
4	Smart Board		1				

24. Collaborative Researches :

25. Consultancies :

Nano Characterization Laboratory Monthly Report Details 2018-2019

SI.No	Name of the Month	Generated Amount
1	June	12,000
2	July	16,475
3	August	Nil
4	September	800
5	October	2500
6	November	200
7	December	3000
8	January	2650
9	February	4550
10	March	7375
11	April	4500
12	May	12,650
Total		66,700

26. No. of NET/SET/GATE/CSIR Qualified students: Nil

27. MOUs signed : Xcellogens biotech Pvt. Ltd

28. Innovations and Best Practices :

Green synthesis materials, Novel materials, Research and extension

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

NAME OF THE DEPARTMENT:PHYSICS

1. Department Details

Name of the School	School of Science and Humanities
Name of the HOD, Phone No. and E-mail ID	Dr. B. Bindhu, 9486598942, 9500427092, bindhu.krishna80@gmail.com
Year of Establishment	1989
Telephone Number	-
Website / E mail	-

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. B. Bindhu	M.Sc. M.Phil. Ph.D	Professor and Head of the Department	Material science, 2D materials, Polymer Nanocomposites	15 yrs 5 months	10 years	bindhu.krishna80@gmail.com, 9486598942, 9500427092
2.	Dr. V. N.Meena Devi	M.Sc. Ph.D.	Associate Professor	Bio-energy, Environmental physics	14 years 4 months	13 years 8 months	vndevi@gmail.com 9150235295
3.	Dr.R. Ganapathi Raman	M.Sc., M.Phil., Ph.D	Associate Professor	Crystal Growth, Nanomaterials, DFT	8 years 9 months	12 years 9 months	ganapathiraman83@gmail.com 9976715576
4.	Mrs.C.Sagi Rani	M.Sc.,M.Phil., B.Ed.	Assistant Professor	Materials Science	10yrs 8 months	9	Sagi_msu@yahoo.co.in 9750868394
5.	Mrs.N.Y.Sugirtha Suni	M.Sc., M.Phil., B.Ed.	Assistant Professor	Materials Science	10 yrs	6	sugirthasuni@yahoo.in
6.	Mrs. I. Mani Prabha	M.Sc., M.Phil., B.Ed.	Teaching Assistant	Material Science	1 yr 8 months	-	prabhajinu@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr. B. Bindhu	1	3	1	19	1	27			3	13	-	-	13	8
2.	Dr. V. N.Meena Devi	1	5		40		64			2					
3.	Dr.R. Ganapathi Raman	1	6	5	42		178			1				5	5
4.	Mrs.C.Sagi Rani			1	2										
5.	Mrs.N.Y.Sugirtha Suni				2										
6.	Mrs. I. Mani Prabha														

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1.	Dr.B.Bindhu	Short term course on Thermoelectric material and its applications	Thermoelectric Material and its Applications	13th to 17th May 2019
		National Conference on National Women Entrepreneurship Conclave in Waste	National women Entrepreneurship Conclave in Waste	3rd and 4th

		Management WeCon 2018	Management WeCon 2018	Sep 2018
		FDP	Faculty Development program for student Induction (FDP-SI)	26th to 28th July 2018
		Workshop	Workshop on Outcome Based Education	2nd Nov 2018
		Online Courses	NPTEL Online Certification Course on Patent Drafting For Beginners	31st March 2019
2.	Dr.V.N.Meena Devi	Workshop	Two- week ISTE STTP for Coordinators on Engineering Physics	8-18th Dec 2015
		Workshop	Workshop on Outcome Based Education	2nd Nov 2018
		International Conference	International Conference on Emerging Trends In Mathematical,Physical And Chemical Sciences	22nd Feb 2019
		Workshop	Two Day Workshop on La Tex	24th and 25th June 2019
3.	Dr.R.Ganapathi Raman	FDP	FDP on Teaching Techniques	

		Workshop	Workshop on e-Resources	
4.	Mrs.C.Sagi Rani	Workshop	Workshop on Outcome Based Education	2nd Nov 2018
		International Conference	International Conference on Emerging Trends In Mathematical,Physical And Chemical Sciences	22nd Feb 2019
		Workshop	Two Day Workshop on La Tex	24th and 25th June 2019
5.	Mrs.N.Y.Sugirtha Suni	National Conference	Second National Conference on Emerging Trends in Applied sciences and Technology (ETAST-2018)	28th Feb 2018
		Workshop	Workshop on Outcome Based Education	2nd Nov 2018
		International Conference	International Conference on Emerging Trends In Mathematical,Physical And Chemical Sciences	22nd Feb 2019
		Workshop	Two Day Workshop on La Tex	24th and

				25th June 2019
6.	Mrs.I.Mani Prabha	Workshop	Workshop on Outcome Based Education	2nd Nov 2018
		International Conference	International Conference on Emerging Trends In Mathematical,Physical And Chemical Sciences	22nd Feb 2019
		Workshop	Two Day Workshop on La Tex	24th and 25th June 2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1.	Dr. S. L. Rayar, Associate Professor	St. Jude"s College, Thoothoor, Kanyakumari Dt	India	12.4.2019	Invited Talk about the Topic "Gravitational Wave"

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. B. Bindhu	NEET Representative	NEET Exam	NEET Exam	Karur city, 5.5.2019
2	Dr..R.Ganapathi Raman	Competition Judge	Science Exhibition	Science Exhibition of Models and	Amala Matriculation School,

				Projects	Thuckalay-629175, Kanyakumari Dt.,09-11-2018
		Resource Person	Physics Association	Nano Particles	Sree Ayyappa College of Arts and Science for Women, Nagercoil,11-09-2018
		Judge	Poster Presentation	International Seminar	International Seminar on Technologically Advanced Materials (ISTAM-2018) organised by The Department of Physics & Research Centre, Muslim Arts College, Thiruvithancode – 629 174, Kanyakumari Dt, Tamilnadu, India on 29th Oct 2018.
		Chief Guest Address	Physics Association	Physics Association	J. P. College of Engineering, Ayikudy, Tenkasi-627852, Tirunelveli Dt.

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
1.	Dr.B.Bindhu	International Conference on Emerging Trends In Mathematical,Physical And Chemical Sciences	International Conference	22nd Feb 2019
2		One day basic training program on Human Rights	University level	29th Oct 2018

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1	B. Bindhu, R. Renisha, Libin Roberts, T.O. Varghese	Boron Nitride reinforced polylactic acid composites film for packaging: Preparation and properties	Polymer Testing, 0142-9418	66	2018	172-177
2	Kalyani Sreekumar, B Bindhu	Aqueous Exfoliation Of Molybdenum Disulfide Using Ultrasonication	Materials Today: Proceedings 2 214-7853	5	2018	13152-13156
3	B. Bindhu, K. Veluraja	Medicinal Implication of Syzygium Cumini Nut on the Growth of Brushite Crystals	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, 0369-8203	89	2018	587-592
4	Kalyani Sreekumar, Renjini M Nair, B Bindhu	An indepth review on the emerging biopolymer: Poly lactic acid	Advanced Nanostructures		2018	18-23
5	MS Gopika, B Bindhu, KY Sandhya, VL Reena	Impact of surface-modified molybdenum disulphide on crystallization, thermal and mechanical properties of polyvinylidene fluoride	Polymer Bulletin, 1436-2449	10.1007/s00289-019-02765-4	2019	10.1007/s00289-019-02765-4
6	Kalyani Sreekumar, B Bindhu	Potential Polylactic Acid /Alginate Acid Films Reinforced	International Journal Of Scientific & Technology Research	8	2019	1381-1384

		With Molybdenum Disulphide for Packaging Purposes				
7	Renjini M Nair, B. Bindhu	An in-Depth Study on the Application of Gum Arabic: A Biopolymer	International Journal of Recent Technology and Engineering	8	2019	1120
8	KalyaniSreekumar, B. Bindhu	A Comprehensive Review on Alginates	International Journal of Recent Technology and Engineering	8	2019	1095-1097
9	M Subitha, SM Sasikanth, B Bindhu	Ionic liquid assisted exfoliation and dispersion of molybdenum disulphide: Synthesis and characterization	AIP Conference Proceedings	2100	2019	020098
10	B. Bindhu, M.S. Gopika	Preparation and Characterization of Few Layered MoS ₂ NanoFlakes	International Journal of Recent Technology and Engineering	8	2019	146-148
11	Cyriac Swapna Lilly, Bindhu B., Midhun C. V., Musthafa M. M., and Raman R. Ganapathi	The estimation of radiation induced damages on nano-structured nuclear radiation detectors	AIP Conference Proceedings 2100		2019	
12	A. Raja, S. Ashokkumar, R. Pavithra Marthandam, J. Jayachandira	Eco-friendly preparation of zinc oxide nanoparticles using	Journal of Photochemistry and Photobiology B: Biology		2018	181 53-58 available in online https://doi.org/10.1016/j.jphotobiol.2

	n, Chandra Prasad Kathiwada, K. Kaviyarasu, R. Ganapathi Raman, M. Swaminathan	Tabernaemontana divaricata and its photocatalytic and antimicrobial activity				018.02.011
13	C. Rathika Thaya Kumari, M. Nageshwari, R. Ganapathi Raman, M. Lydia Caroline	Crystal growth, Spectroscopic, DFT Computational and Third harmonic generation studies of Nicotinic acid	Journal of Molecular Structure 1163		2018	137-146
14	K. R. Rajesh, M. M. Musthafa, C. V. Midhun, Joseph Naiby, R. Ganapathi Raman	Photo-neutron detection using Cr-39 solid state nuclear track detector	ISBN: 978-0-7354-1830-1	Volume number: 2100	2019	
15	Kumar, S., Ganapathi Raman, R.	Experimental and theoretical spectroscopic investigations of 4-bromo-3-methylbenzointrile	Oriental Journal of Chemistry 34(3)		2018	1478-1483
16	Cyriac Swapna Lilly, Bindhu B., Midhun C. V., Musthafa M. M., and Raman R. Ganapathi	The estimation of radiation induced damages on nano-structured nuclear radiation detectors	AIP Conference Proceedings 2100		2019	
17	Sugirtha Suni N.Y.,	Theoretical Investigation on	International Journal of	8	2019	1085-1094

	GURU PRASAD, L., Ganapathi Raman, R.	the Structural Vibrational and Optical properties of 3-bromo-4-methyl Benzonitrile	Reason technology and Engineering ISSN 2277-3878			
	Sugirtha Suni, N.Y, Ganapathi Raman, R.	Quantum Chemical Calculations Of 3 -Mehoxy benzonitrile for NLO Applications	International Journal of Reason technology and Engineering ISSN 2277-3878	8	2019	401-405

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1	B. Bindhu. Jude Fernandez, Adersh Fernandez	Low Temperature Synthesis of Calcium and Hafnium Co-doped Barium Titanate Nano ceramics	2019	201941025611	
2	B. Bindhu Shabna Jude Fernandez Adersh Fernandez	Sol-gel synthesis of Bismuth doped lead zirconate titanate (52/48) nanoceramics	2019	201941025595	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch		
		F	M		O C	BC	BCM	MBC/DNC		SC		SCA		ST	II		III		IV						
								M	F	M	F	M	F		M	F	M	F	M	F	M	F		M	F
	UG Programme																								
	PG Courses	18	3	21	1	2	1	4	1	2	1					3	6								88
	M.Phil. Programme	6	-	6		2	2		1	1						-	-								
	Ph.D Programme	3	6	9	6		2				1														
	Diploma Certificate Courses (if any)																								
	MOOC/NPTEL/UGC online courses offered	3	3														1								
	Total	30	12	36	7	2	2	1	8	2	3	2				3	7								

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	M.Sc Physics	Indian	Kerala	1	2	3
2.	M.Phil Physics	Indian	Kerala	-	2	2
3.	Ph.D	Indian	Kerala	6	2	8

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.			
		Total	Male	Total	Male	FT	PT	Total	FT	PT	Total
1.			Male	2	Male			-			
2.			Female	6	Female			6			

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15. Scholarships Awarded: NIL

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1.	M.Sc	21	21	21	17	9	6	9	8								

17. Placement Details:

Name of the Placement co-ordinator: Dr.V.N.Meena Devi			
Phone/Mobile Number :9150235295e-mail:vndevi@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	-	4
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	-	4/14

18. Outstanding achievements by the Faculty Members:l

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.R.Ganapathi Raman	Best Young Faculty Award	DK International Research Foundation, Perambalur
		Outstanding Journal Reviewer Award	Chinese Journal of Physics, Elsevier, Amsterdam, The Netherlands
		Outstanding Journal Reviewer Award	Vacuum Elsevier, Amsterdam, The Netherlands

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	W.J.Ashwin	Participate in Vanil Oru Ponnakashtram	All India Radio,Nagercoil
2.	Goutham B.L	Second Prize in Quiz Competition	Department of Physics,NIU Physics Club,NICHE,Kumaracoil
3.	I.Jesudhas	Second Prize in Quiz Competition	Department of Physics,NIU Physics Club,NICHE,Kumaracoil
4.	A.Fathima Raasikha	Second Prize in Quiz Competition	Department of Physics,NIU Physics Club,NICHE,Kumaracoil

**20. Department Meetings Held :
BOS,Programme Committee, Course Committee etc.**

S.No	Name	Date					
		Odd Sem			Even Sem		
1.	BOS				4-2-2019,20-5-2019		
2.	Course Committee	S1 B.E/B.tech 30-8-2018					
3.	Programme Committee	S3 M.sc 27- 7- 2019	S1 M.Sc 4- 10- 2018	S1 M.Phil 4-10- 2018	S4 M.sc 1-2- 2019	S2 M.Sc 15-3- 2019	S2 M.Phil 15-3- 2019
4.	Class Comittee	S3 M.sc 11- 7- 2019	S1 M.Sc 10- 9- 2018	S1 M.Phil 10-9- 2018	S4 M.sc 11-1- 2019	S2 M.Sc 18-2- 2019	S2 M.Phil 18-2- 2019

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Nil			
2				

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	662	7	No. of titles available	-
2	Books added during the year 2018-19	16	8	No. of CDs and Digital Books Available	30
3	No. of Indian Journals/Magazines	34	9	No. of Foreign Magazines/Journals	11
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	-	11	Average No. of books Issued per day	-
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	-	12	Availability of Language Lab	-
			13	NDL membership 19. Faculty members 20. Students	1.4

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.

24. Collaborative Researches :

- (a) Indian Institute of Space Science and Technology, Thiruvananthapuram
 (b) Centre for Biopolymer Science and Technology, Eloor, Udyogamandal, 683501, Kerala, India
 (c) Siddha Regional Research Institute, Poojapura, Thiruvananthapuram
 (d) Vellore Institute of Technology, Vellore
 (e) University of Calicut, Thiruvananthapuram

25. Consultancies :**26. No. of NET/SET/GATE/CSIR Qualified students:****27. MOUs signed :****28. Innovations and Best Practices :**

- Physics club activities are conducted regularly
- Motivate students to write articles in newsletter and to participate and present papers in conferences & seminars
- Motivate students to take up CSIR-NET/SLET exams and to pursue research
- Student seminars are conducted
- Alumni relations are maintained through emails and mobile communications

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1.	Experimental Physics I	NPTEL	1	1
2.	Material Characterization	NPTEL	2	
3.	Superconductivity	NPTEL	4	

30. Others:

SI.NO	Name	Title of the Program	Duration
1.	Dr.B. Bindhu	Faculty Development program for student Induction (FDP-SI)	26-07-2018 to 28-07-2018
2.	Dr.V.N. Meena Devi	Workshop on Outcome Based Education	11/2/2018
3.	C. Sagi Rani	Workshop on Outcome Based Education	11/2/2018
4.	N.Y. Sugirtha Suni	Workshop on Outcome Based Education	11/2/2018
5.	I. Mani Prabha	Workshop on Outcome Based Education	11/2/2018
6.	Dr.R.Ganapathi Raman	Faculty Development Program for Student Induction (FDP-SI)	15-11-2018 to 17-11-2018
7.	Dr.B. Bindhu	NPTEL Online Certification Course on Patent Drafting For Beginners	3/31/2019
8.	Dr.B. Bindhu	Thermoelectric Material and its Applications	13-05-2019 to 17-05-2019
9.	Dr.V.N. Meena Devi	Two Day Workshop on La Tex	24-06-2019 to 25-06-2019
10.	C. Sagi Rani	Two Day Workshop on La Tex	24-06-2019 to 25-06-2019
11.	N.Y. Sugirtha Suni	Two Day Workshop on La Tex	24-06-2019 to 25-06-2019
12.	I.Mani Prabha	Two Day Workshop on La Tex	24-06-2019 to 25-06-2019
13.	Dr.R.Ganapathi Raman	FDP on Teaching Techniques	02-05-2019 to 03-05-2019
14.	Dr.R.Ganapathi Raman	Workshop on e- Resources	6/25/2019

NAME OF THE DEPARTMENT:SOFTWARE ENGINEERING

1. Department Details :

Name of the School	Computer Science
Name of the HOD, Phone No. and E-mail ID	J.P. Jayan, 9486856112, hodmsc@niuiv.com
Year of Establishment	2011
Telephone Number	04651 – 250566
Website / E mail	www.niu-se.in

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. C. Ratnam Nadar	Ph.D.	Professor	Statistics	45Y	16 Y	9486856108
2	Dr. J. Charles	M.Sc. M.Tech, Ph.D	Associate Professor	Software Engineering	28Y	5 Y	9443518604 9486856107 jebapillaicharles@rediffmail.com
3	Dr. S. Jerine	M.Sc., M.Phil, Ph.D.	Associate Professor	Network Security	14Y 3M	5 Y	9486007267 ssjerine@gmail.com
4	Mr. J. P. Jayan	M.C.A., M.Phil, (Ph.D)	Associate Professor	Image Processing	13Y 3M	6 Y	9488081200 9486856112 04651 230359 jeyanjp@gmail.com
5	Ms. J.E. Anusha Linta Kostka	B.E., M.B.A.	Assistant Professor	Wireless Technology	17Y 4M	--	9489618534 anu_kostaka@hotmail.com
6	Mr. V.G. Ranjith	M.Sc., M.Tech., (Ph.D.)	Assistant Professor	Image Processing	17Y 3M	--	9994272962 ranjithvgnair@gmail.com
7	Ms. C.R. Sheela Kumari	M.C.A., M.Phil.	Assistant Professor	Image Processing	19Y 3M	5Y	9790291255 Sheelaabi31@yahoo.com

8	Ms. Melbin J. Reena	M.Sc., M.Phil., M.Tech., (Ph.D)	Assistant Professor	Big Data Analytics	14Y 3M	5 Y	9443449528 mjreena82@gmail.com
9	Ms. M. Merlin Johnsy	M.C.A., M.Phil	Assistant Professor	Algorithms	15Y 7M	5 Y	9487249456 johnsykumar@yahoo.co.in
10	Ms. V. Alan Gowri Phivin	M.C.A., M.Phil, (Ph.D.)	Assistant Professor	Data Mining	14Y 9M	5 Y	9442130260 alanshaney@gmail.com
11	Ms. R.I. Heaven Rose	M.Sc.,M.Phil. (Ph.D.)	Assistant Professor	Data Mining	12Y 10M	5 Y	9965406285 heajeysa@yahoo.com
12	Mr. P.V. Samuel Blessed Nayagam	M.Sc., M.Phil., (Ph.D)	Assistant Professor	Cloud Computing	12Y 1M	5 Y	9443693861 Samblessed05@yahoo.co.in
13	Ms. C.V. Muthu Priya	M.Sc., M.E.	Assistant Professor	Networking	11Y 3M	--	9443386305 mpriyaev@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1	Dr. C. Ratnam Nadar	0	0	0	0	0	0	17	350	0	0	0	0	0	0
2	Dr. J. Charles	0	0	1	3	0	0	18	380	1	3	0	0	1	2
3	Dr. S. Jerine	0	0	1	15	0	0	12	305	1	15	0	0	1	2
4	Mr. J. P. Jayan	1	2	1	33	8	16	14	320	0	18	0	0	0	0
5	Ms. J.E. Anusha Linta Kostka	0	0	2	4	0	0	15	300	0	0	0	0	0	0
6	Mr. V.G. Ranjith	0	0	1	4	0	0	14	310	0	0	0	0	0	0
7	Ms. C.R. Sheela Kumari	0	0	0	7	0	0	15	290	0	15	0	0	0	0
8	Ms. Melbin J. Reena	0	0	3	7	0	0	13	300	0	12	0	0	0	0
9	Ms. M. Merlin Johnsy	0	0	0	5	0	0	14	298	0	15	0	0	0	0

10	Ms. V. Alan Gowri Phivin	0	0	1	9	0	0	15	300	0	13	0	0	0	0
11	Ms. R.I. Heaven Rose	0	0	1	8	0	0	15	300	0	14	0	0	0	0
12	Mr. P.V. Samuel Blessed Nayagam	0	0	1	5	0	0	12	275	0	15	0	0	0	0
13	Ms. C.V. Muthu Priya	0	0	0	0	0	0	13	280	0	0	0	0	0	0

4.. Research Schemes/Projects undertaken : NIL

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1				
2				

b) Foreign Faculty/Expert visit to the Department: NIL

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :NIL

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1					

7. Details of Seminars, Conferences and Refresher courses Organised :NIL

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
1	Mr.J.P.Jayan	High Density Impulse Noise Reduction from Color Image	IJSRCSEIT, 2456-3307	3/5	2018	624-632
2	Ms. R.I. Heaven Rose	Multiple Class Association rules for content based Image Retrieval with efficiency	IJPAM 1311-8080	116 / 22	2017	375 - 385
3	Ms. R.I. Heaven Rose	An efficient content based Image Retrieval with lenient relevance feedback	IJET 2227-524x	7 / 36	2018	175 - 178

9. Details of patents applied/registered:NIL

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1.	J. P. Jayan	Vehicle Information Sharing System Using Artificial	14-08-2018	201841030444	

10. Publications of Books/Monographs:NIL

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO	Name of the Programme / Branch of study	Enrolment during 2018-19		Total	Community												Existing Students, Strength			Pass Percentage of outgoing batch				
		F	M		O C	BC	BCM		MBC/DNC		SC		SCA		ST	II		III			IV			
							M	F	M	F	M	F	M	F		M	F	M	F			M	F	
	UG Programme																							
	PG Courses	-	-	-													4	4	5	6	3	4		55%
	M.Phil. Programme	6	2			0	0	0																100%
	Ph.D Programme																							
	Diploma Certificate Courses (if any)																							
	MOOC/NPTEL/UGC online courses offered																							
	Total	6	2			1	2	5									4	4	5	6	3	4		

12. Enrolment of Students from Overseas and other States: NIL

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
1			8	15	8	0	8	0	0	0

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :NIL

S. No	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					
2					

15. Scholarships Awarded: NIL

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
	Total							

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1.	M.Sc SE	-	-	-	-	08	06	08		11	3	11			7	7	2
2.	M.Phil CS	8	8	8	8	0	0	0	0		0	0	0	0	0	0	0

17. Placement Details:

Name of the Placement co-ordinator: Ms. M.Merlin Johnsny			
Phone/Mobile Number :e-mail:9487249456 / johnsykumar@yahoo.co.in			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:l

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	J.V. Ginila	Placement & Topper	NIMS

**20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.**

S.No	Name	Date
1	Board of Studies	05/02/2019,06/05/2019
2	Programme Committee(2018- 2019 ODD)	27/07/2018, 12/09/2018, 29/10/2018
3	Programme Committee(2018- 2019 EVEN)	01/02/2019, 01/03/2019, 22/04/2019
4	Department Meeting	03/07/2018, 28/11/2018, 02/02/2019, 23/04/2019, 24/05/2019
5	Class Committee (2018-2019 ODD)	30/07/2018, 14/09/2018, 29/10/2018
6	Class Committee (2018-2019 EVEN)	10/01/2019, 13/02/2019, 14/03/2019

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1.	Software Lab 1	Computer	34	Practical
2.	Software Lab 2	Computer	28	Research
3.	Software Lab 2	Epson LCD Projector	1	Research

22. Extension activities carried out :NIL

S. No.	Name of the Activity	Beneficiaries	Date	Venue

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1059	7	No. of titles available	113
2	Books added during the year 2018-19	10	8	No. of CDs and Digital Books Available	42
3	No. of Indian Journals/Magazines		9	No. of Foreign Magazines/Journals	-
4	No. of data bases available		10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	07	11	Average No. of books Issued per day	01
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	100 mbps	12	Availability of Language Lab	-
			13	NDL membership 21. Faculty members 22. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	Computer	PDC Ci3	18 10	4	LCD Projector	EPSON EBX 02	01
2	Net Connection Wi-Fi: Wired:	D – Link	10 10	5	Software/ Data base	-	03
3	Printer	-	01	6	Scanner	-	00

24. Collaborative Researches :NIL

25. Consultancies : NIL

26. No. of NET/SET/GATE/CSIR Qualified students: NIL

27. MOUs signed : NIL

28. Innovations and Best Practices :

- Guided Lecture
- Usage of Visual aids in Teaching
- Improved Teaching based on student feed back
- Guest Lectures

29. Academic Flexibility :NIL

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

30. Others

SI.NO	Name	Title of the Program	Duration
1.	Dr. S. Jerine	Workshop on Outcome Based Education Conducted by NICHE	11/2/2018
2.	Dr. J .P Jayan	Workshop on Outcome Based Education Conducted by NICHE	11/2/2018
3.	Ms. J E Anusha Linda Kostka	Workshop on Outcome Based Education Conducted by NICHE	11/2/2018
4.	Ms. J E Anusha Linda Kostka	Team Building	14-09-2018 to 15-09-2018
5.	Ms. J E Anusha Linda Kostka	Deep Learning Tools and Techniques	26-09-2018 to 27-09-2018
6.	Ms. J E Anusha Linda Kostka	Cloud Computing and Big data	11-10-2018 to 12-11-2018

7.	Mr. V.G. Ranjith	Workshop on Outcome Based Education Conducted by NICHE	11/2/2018
8.	Ms. Melbin J Reena	Cloud Computing and Big data	11-10-2018 to 12-11-2018
9.	Ms. Melbin J Reena	FDP on Data Mining (NPTEL)	01-02-2019 to 30-04-2019



NOORUL ISLAM CENTRE FOR HIGHER EDUCATION

(Deemed to be University under section 3 of the UGC Act 1956)

Accredited by NAAC with "A" Grade

Kumaracoil-629 180, Thuckalay, Kanyakumari District, Tamil Nadu, India

Website: www.niceindia.com Email: info@niceindia.com



FORMAT FOR 6th ANNUAL REPORT DATA FOR THE UNIVERSITY DEPARTMENTS FOR THE ACADEMIC YEAR 2018 – 19 (FROM 1st JULY 2018 – 30th JUNE 2019)

NAME OF THE DEPARTMENT: MARINE ENGINEERING

1. Department Details :

Name of the School	Mechanical Engineering
Name of the HOD, Phone No. and E-mail ID	Dr. S. John Leon, sjohnleon@gmail.com , 9443606221
Year of Establishment	2008
Telephone Number	04651366380
Website / E mail	

2. Details of Faculty Members :

S · N o ·	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. S. John Leon	M.E. (Thermal), Ph.D.	Associate Professor	Thermal Engineering	27 Years	--	sjohnleon@gmail.com / 9443606221
2.	Prof. Captain S. Vijayan Pillai	MBA (Marketing) Foreign going Master Mariner	Assistant Professor	IMO Regulations	6 Years	--	svpillai8@gmail.com / 9946287141
3.	Mr. J. Jesin Jude Leonard	B.E. (Mech) MEO Class-I (M)	Assistant Professor	Auxiliary Machines	3.5 Years	--	jesinjude.leonard@gmail.com / 9442644908
4.	Dr. V. K. Jebasingh	M.E. (Engineering Design), Ph.D.	Associate Professor	Design Engg.	10 Years	4 Years	jebasingh@live.in / 9488500504
5.	Dr. K. S. Jai Aultrin	M.E. (Manufacturing Engineering), Ph.D.	Associate Professor	Manufacturing Engineering	12 Years	3 Years	aultrin2010@gmail.com / 7598236159
6.	Mr. N. Devabalan	Graduated from Indian	Assistant Professor	Seamanship, Fire	9 Years	--	9344415892

	Nair	Navy		Fighting and Navigation			
7.	Mr. A. K. Ratheesh	M.E. (Thermal)	Assistant Professor	Thermal Engg	13 Years	--	Ratheeshudhaya@gmail.com / 9600277105
8.	Mr. Neela Prasad U.N.	B.E. (Marine), M.Tech. (Naval Arch.)	Assistant Professor	Naval Architecture	6 Years	--	prasadmariner77@yahoo.com / 9994564994
9.	Mr. P. Raghuvaran	Graduated from Indian Navy	Instructor	Seamanship, Fire Fighting and Navigation	11 Years	--	raghuvaranp2@gmail.com / 9442303347
9.	Mr. S.H Vishnu	B.E. (Marine), M.Tech. (Ocean Engg.)	Assistant Professor	Ocean Engg.	1.8 Years	--	vishnush1990@gmail.com / 9746925009
10	Mr. E. Jonie Stevans	B.E. (Marine)	Assistant Professor	Marine Engg.	6 Months	--	jenishthomas.wlm@gmail.com , 8190049347
11	Mr. S. Manivannan	B.E. (Marine) MEO Class-IV	Assistant Professor	Marine Engg.	2.5 Years	--	manivannan@msec.org.in 9790559290

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	18-19	Cumulative	M. Phil	Ph.D.
1.	Dr. S. John Leon			0	2			160	160						
2.	Prof. Captain S. Vijayan Pillai							150	150						
3.	Mr. J. Jesin Jude Leonard							150	150						
4.	Dr. V. K. Jebasingh	2	2	0	4	0	115	160	160						
5.	Dr. K. S. Jai Aultrin	2	2	2	13	0	30	165	165						
6.	Mr. A. K. Ratheesh							160	160						
7.	Mr. Neela Prasad U.N.							160	160						

8.	Mr. P. Raghuvaran							150	150						
9.	Mr. S.H Vishnu							150	150						
10	Mr. E. Jonie Stevans							150	150						
11	Mr. S. Manivanna							150	150						

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Nil					
2						

5. a) Participation of the Faculty members to present papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Dr. S. John Leon	Workshop on E-resources	-	25/06/2019

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Nil				
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Nil				

7. Details of Seminars, Conferences and Refresher courses Organised :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organised	State/National/ International Level	Period
	Nil			

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue	Year of Publication	Page(pp)
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				No.		
1.	Ramanan.G, Rajesh Prabha.N, Diyu Samuel.G, Jai Aultrin. K. S and M. Ramachandran	Prediction of Machining Characteristics of Hybrid Composites Using Response Surface Methodology Approach	International Journal of Engineering & Technology	7 / 3.1	August 2018	162-165
2.	K.S. Jai Aultrin, M. Dev Anand, S. Muthu Sherin, R. Rajesh	Fuzzy Logic Approach on Lead Tin Alloy for Prediction of Machining Parameters by AWJM Process	International Journal of Recent Technology and Engineering (IJRTE)	8 / IC2	May 2019	989-1003

9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
			Nil		

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
				Nil

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2017-18		Total	Community												Existing Students, Strength						Pass Percentage of outgoing batch		
			F	M		OC		BC		BCM		MBC/DNC		SC		SCA		ST		II		III			IV	
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
	UG Programme		0	7	7	4		3											13		12		21		100	
	PG Courses																									
	M.Phil. Programme																									
	Ph.D Programme																									
	Diploma Certificate Courses (if any)																									
	MOOC/NPTEL/UGC online courses offered																									
	Total																									

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	B.E. Marine Engineering	Indian	Kerala	4	Nil	4

13. P.G. and Research degrees awarded:

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
Nil										

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
Nil					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
1	B.C.(State)							
2	B.C.M.(State)							
3	M.B.C./D.N.C.(State)							
4	SC/SCA/ST(National)							
5	SC/SCA/ST(State)							
6	First Generation Free Education							
7	Loan Scholarship							
8	Others (Specify the name of the scholarship)							
Total		Nil						

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1.	B.E. Marine Engineering	7	4	7	6	13	10	13	8	12	11	12	10	21	21	21	20

17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	2	Nil
2	Number of Placements obtained through Campus Interview	Nil	Nil

3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	0.181	Nil
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18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1		Nil	

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Nil	

20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.

S.No	Name	Date	
1.	Course Committee Programme Committee etc.		

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1.		Nil		

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1		Nil		

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	870	7	No. of titles available	840
2	Books added during the year 2018-19	15	8	No. of CDs and Digital Books available	70
3	No. of Indian Journals/Magazines	50	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	nil	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	06	11	Average No. of books Issued per day	02
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	2 Mbps	12	Availability of Language Lab	Nil
			13	NDL membership 1. Faculty members 2. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
Nil							

24. Collaborative Researches : Nil

25. Consultancies : Nil

26. No. of NET/SET/GATE/CSIR Qualified students: Nil

27. MOUs signed : Nil

28. Innovations and Best Practices : Cadets were taken to Andaman, during voyage all machineries and equipments were explained to the Cadets by the Watch Engineers.

29. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
Nil				

**INDUSTRY, INSTITUTE, INTERFACE (III) AND TRAINING
AND PLACEMENT DIVISION**

Name of the Director	Prof.M. Sivathanu Pillai
Name of Placement Officer	Part-time deployment from other departments: Dr.B.Stanley Jones Retnam (Automobile), Dr. K.SivaSankar (Information Technology)
Phone No.	9486856114
Contact Fax number	04651-257266, 250266
e-mail ID/ Website	placement@niuniv.com / www.niceindia.com

1. Details of the Faculty/Staff

S.No.	Name	Qualification	Designation	Experience	E-mail, Phone, Cell No.
1	Prof.M.Sivathanu Pillai	M.Com	Professor Cum Director	53 years	9489435702
2	Dr.B.Stanly Jones Retnam	M.E., Ph.D, MBA	Asso Prof.	12.5 years	9443791408
3	Dr.K.Sivasankar	M.E., Ph.D, MBA	Asso Prof.	13.5 years	9442229791
4	Mr.V.M.Satheesh	B.Sc(CS)	Junior Asst.	12 years	9043360784
5	Smt. N.V.Rajeswari	Shorthand, English & TamilHigher Grade	Typist	35 years	9486516952

2. Details of the Programme conducted for the Faculty Members

S.No.	Programme title	Nature of the Programme	Dates	Venues	No. of faculty members Participated
1.	Faculty Development Programme	I Transform, India will Transform	12.7.2018	AC-Auditorium	473 Students 23 Faculty

3. Details of the Programmes conducted for the students on Career Development

S.No.	Programme title	Nature of the Programme	Dates	Venues	No. of students Participated
1	Faculty Development Programme Chinmaya Mission	Motivational Seminar on Body Complex	20.07.2018	AC Auditorium	342 and faculty24
2	Logic School of Management, Bangalore	CMA for MBA	10.08.2018	MBA smart room	45 MBA II students,5 faculty
3	Seminar on Interview Preparation	Seminar	13.8.2018	Placement Cell	340 Students
4	Smart Bridge ,	Seminar on IOT and Artificial Intelligence	13.08.2018	Placement Cell	125 final and pre-final year students in circuit branches
5	The Successful Job Interview	Training	24.9.2018	Placement Cell	35 Students
6	VetriNitchayam (Personality Development Program)	Training	28.1.2019	Placement Cell	Faculty-20 Students - 184
7	TCS- Workshop on IOT	Workshop	22.2.2019	Placement Cell	59 Students 16 Faculty
8	Emerging IT Trends and Technologies	Career Guidance Program	22.2.2019	Placement Cell	37 students 2 Faculties
9	“Education – Exploring Opportunity”	Seminar	11.3.2019	Placement Cell	67 Students
10	Employability Training Program	Training	15.3.2019	Placement Cell	36 Students
11	Employability Training Program	Training	01.04.2019	Placement Cell	32 Students

4. Details of the Placement interviews organized

S.No.	Title of the Interview	Prospective Employer Name	Dates	Venue	No. of students participated
1.	N/A.	TCS, Chennai		(Off Campus)	
2.		Ababil Health Care, Chennai.	15.2.2018		22
3.		Focus Academy	12.3.2018	Library Lab	28
4.		Indian Institute of	21.3.2018	Placement	60

		Banking, Chennai		Cell	
5.		AbiShowtech (India)Ltd.,Chennai	24.3.2018	Placement Cell	34
6.		Kwangjin India Auto Systems, Chennai	24.11.2018	Placement Cell	23
7.		Wisdome Resource Management Pvt. Ltd	7.12.2018	Placement Cell	151
8.		Eureka Forbes Ltd.	7.12.2018	Placement Cell	100
9.		Achivia Group of Companies	7.12.2018	Placement Cell	56
10.		Employability Bridge	7.12.2018	Placement Cell	84
11.		Creators	7.12.2018	Placement Cell	25
12.		Pace Job Vacancy	7.12.2018	Placement Cell	22
13.		CPC Diagnostics Pvt. Ltd.	7.12.2018	Placement Cell	25
14.		Hindhuja Global Ltd	7.12.2018	Placement Cell	59
15.		Chakravarthy Constructions	7.12.2018	Placement Cell	158
16.		SS Technovation	7.12.2018	Placement Cell	150
17.		Aagna Global Pvt. Limited	7.12.2018	Placement Cell	80
18.		V-Dart Software Services, Trichi.	29.1.2019	Placement Cell	52
19.		Duruva Finance Pvt. Ltd.,	7.2.2019	Placement Cell	73
20.		Ababil Health Care	15.3.2019	Placement Cell	36
21.		Kanam Latex Industries,Nagercoil	15.4.2019	Off Campus	..
22.		ACT Plast Paints Pvt Ltd., Chennai	16.4.2019	Off Campus	32
23.		Paytm	23.5.2019	Placement Cell	24
24.		OYO	23.5.2019	Placement Cell	11
25.		WIPRO Online Exam	25.5.2019	IT Lab	22

5. Details of MOUs signed –

An MOU for incubation partnership programme with Anna Robotics- Tirunelveli - 627002 was discussed and agreed upon in June, 2019. Anna Robotics is a

Robotics training, development and sales industry in India providing Artificial Intelligence, Robotics and IoT based training in colleges and web application development services. The infra-structure and other support facilities are being put in for the start of the incubation centre in early October, 2019.

6. Summary Statistics on placement during 2018-2019

S.No.	Particulars	
1	Placement Interview On Campus -18 Off Campus-1 (TCS)	
2.	No. of companies visited	20
3.	No. of students attended the placement interviews	203
4.	No. of eligible students	172
5.	Job offers received	119
6.	Offer per eligible student	0.69
7.	Salary Range (Rs. In Lakh) per annum	1.8 to 3.36
8.	Average salary offered (Rs in Lakhs)	1.96 per annum
9.	Job offers obtained for outside students	50

7. Other Details :

- a. **Internship**, ranging from a few days to weeks, is meant to build among the graduating students a flair for practical orientation to industry systems, process and practices. Our University had interface with industries and business enterprises in both public and private sectors where our students undergo internships. During the year under review, **217** of our students undertook internship training in **45** companies and **22** hospitals"
- b. **Membership with AICTE-approved Internshala portal.** NICHE has been active in motivating our students across all the years to registering with Internshala as Internship is mandatory for all the engineering students, effective 2018-19 academic year. AICTE along with Internshala have placed NICHE in 1204, All India rank out of 2830 colleges that participated in the Internship Day of 2019. A certificate in this regard is attached for your reference
- c. **Job Melas:** In addition to the ongoing students' development and placement programs, the Department organized two major job melas on 07.12.18 and 20.05.19, respectively. These job melas had in mind, not

only our University Brand building, but also reaching out widely to other unemployed youth in the district and nearby places, with a social objective. In total, 29 companies participated in the two melas and together offered close to 359 jobs.

d. TCS Registration for National Qualifier for Ninja Hiring on 2nd and 3rd September, 2018 ,and Refresher Training for Eligible Students

We have facilitated the registration of our interested and eligible students to register for the TCS **National Qualifier for Ninja Hiring on 2nd and 3rd September, 2018**. The last date for registration was August 20, 2018. Unlike previous years, TCS is permitting all under graduate and post graduate students to register for the test. In order to better prepare the students for the online test, we conducted a three day review sessions in August, 2018, in Aptitude Skills, Software skills and online email writing skills for the eligible students.

e. Other Significant Involvement in Placement

In addition to the department's direct involvement in the University, other initiatives include professional placement support to other educational institutions under **Noorul Islam Trust**. The department continued to outreach and support **Noorul Islam College of Arts and Science**, **Noorul Islam Polytechnic** and **Noorul Islam Industrial Training Institute**. We conducted a pooled campus drive on 07.12.

Format for 2018-19 Annual Report for the Office of Controller of Examinations

1.

Name of the Office	Controller of Examinations
Name of the COE	Dr.B.Krishnan
Name of the Additional COE	Dr.M.K.Jeyakumar
Phone No.	04651-252916
Website/ E-mail	coeniu@gmail.com

2. Convocation Details

1. Number of Convocation : VIII
2. Held on : 30-11-2018
3. Chief Guest : Prof. Dr. (Mrs.) PANKAJ MITTAL
Additional Secretary,
University Grants Commission,
Bahadur Shah Zafar Marg,
New Delhi – 110002.

3. Candidate Admitted for 8th Convocation :

S.No.	Department	UG	PG	M.Phil.	Ph.D.	Total
1.	Faculty Aeronautical and Space Technology	33	3	-	2	38
2.	Faculty of Computer and Information Technology	29	39	-	14	81
3.	Faculty of Electrical and Electronics Engineering	39	8	-	12	59
4.	Faculty of Computer Science	-	21	13	2	36
5.	Faculty of Mechanical Engineering	161	6	-	6	173
6.	Faculty of Civil Engineering	46	8	-	3	57
7.	Faculty of Management Studies	6	46	8	8	68
8.	Faculty of Technology	37	9	4	3	53
9.	Faculty of Science and Humanities	-	32	29	4	65
10.	Faculty of Marine Engineering	11	-	-	0	11
Sub Total:		362	172	54	54	642

4. Examination Results December 2017:

S.No	Course	S1				S3				S5				S7			
		Strength	App	Pass	Pass %	Strength	App	Pass	Pass %	Strength	App	Pass	Pass %	Strength	App	Pass	Pass %
1	B.E./B.Tech./ BBA/B.Com/ B.Sc	602	586	341	58.19	470	396	51	38.13	347	310	15	7.09	20	386	262	67.87
2	M.E./M.Tech/ MBA/MCA/M. A./M.Sc	137	130	83	63.84	138	128	3	72.65	38	36	2	8.88	4	13	6	46.15
3	M.Phil Courses	61	59	59	100.00	-	-	-	-	-	-	-	-	-	-	-	-

5. Examination Results May 2018:

S.No	Course	S2				S4				S6				S8			
		Strength	App	Pass	Pass %	Strength	App	Pass	Pass %	Strength	App	Pass	Pass %	Strength	App	Pass	Pass %
1	B.E./B.Tech./ BBA/B.Com/ B.Sc	561	501	180	35.92	411	294	69	23.46	346	288	64	22.22	435	424	288	67.92
2	M.E./M.Tech/ MBA/MCA/M. A./M.Sc	132	124	50	40.32	160	149	115	77.18	37	37	32	86.48	19	19	19	100.00
3	M.Phil Courses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

6. List of Rank Holders in May 2018

Faculty: Faculty Aeronautical and Space Technology Department: Aeronautical Engineering

Degree: B.E Branch: Aeronautical Engineering Month and year pass: May-2018

Sl.No.	Reg. No.	Name	CGPA	Classification	Total Marks	Rank
1.	0114201015	Pravin C	8.64	First Class with Distinction	4210	1
2.	0114201005	Gokul Rajendran	8.55	First class with Distinction	4018	2
3.	0114201020	Zahera Begum	8.19	First Class	3915	3

Faculty: Faculty Aeronautical and Space Technology Department: Aerospace Engineering

Degree: B.E Branch: Aerospace Engineering

Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114202019	Meena Balakrishnan	8.76	First Class with Distinction	4024	1
2.	0114202020	Meera Balakrishnan	8.82	First Class with Distinction	4008	2
3.	0114202007	Junusha S	8.61	First Class with Distinction	3974	3

Faculty: Faculty Aeronautical and Space Technology

Department: Aircraft Maintenance Engineering

Degree: B.E Branch: Aircraft Maintenance Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114228011	Mohammed Azhar	8.60	First Class with Distinction	4412	1

Faculty : Faculty of Electrical and Electronics Engineering

Department :Electronics & Communication Engineering

Degree : B.E Branch : Electronics & Communication Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114210011	Ramya D	9.30	First Class with Distinction	4152	1
2.	0114210002	Amrutha P	9.16	First Class with Distinction	4079	2
3.	0114210013	Sugantha Maruthi Gaikwad	9.10	First Class with Distinction	4053	3

Faculty : Faculty of Electrical and Electronics Engineering
Department :Electrical & Electronics Engineering

Degree : B.E Branch : Electrical & Electronics Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114209007	Shamna R. S	9.43	First Class with Distinction	4066	1

Faculty : Faculty of Electrical and Electronics Engineering
Department :Electrical & Instrumentation Engineering

Degree: B.E Branch : Electronics & Instrumentation Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114211007	Pavithra Devi M	9.62	First Class with Distinction	4219	1
2.	0114211017	Priyanka K	9.03	First Class with Distinction	3947	2
3.	0114211018	Abdullah M. B	8.89	First Class with Distinction	3883	3

Faculty : Faculty of Civil Engineering Department :Civil Engineering

Degree: B.E Branch: Civil Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114206060	Sagma Nagarajan	8.83	First Class with Distinction	3878	1
2.	0114206059	Princy Jose	8.83	First Class with Distinction	3840	2
3.	0114206078	Monisha Sarathy S	8.29	First Class	3680	3

Faculty : Faculty of Technology Department :Nanotechnology

Degree: B.Tech. Branch: Nanotechnology Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114218001	Balaji M	8.50	First Class with Distinction	3619	1
2.	0114218004	Reenu Sara Jacob	8.16	First Class	3427	2

Faculty : Faculty of computer and Information Technology

Department :Computer Science & Engineering

**Degree: B.E Branch: Computer Science & Engineering Month and year pass:
May-2018**

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114208024	Muthu Kumar P	9.18	First Class with Distinction	4146	1
2.	0114208042	Fathima Dheena P P	8.94	First Class with Distinction	4095	2
3.	0114208010	Annu George Mavely	8.82	First Class with Distinction	3930	3

Faculty : Faculty of Mechanical Engineering Department :Mechanical Engineering

Degree: B.E Branch: Mechanical Engineering Month and year pass:

May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114217117	Santosh Adhikari	9.73	First Class with Distinction	5245	1
2.	0114217077	Mariyappan M	8.97	First Class with Distinction	4907	2
3.	0114217033	Arjun Girish	9.13	First Class with Distinction	4798	3
4.	0114217065	Jishnu Girish	8.97	First Class with Distinction	4749	4
5.	0114217139	Vishnu S Pillai	8.76	First Class with Distinction	4685	5
6.	0114217064	Jinu Joseph	8.62	First Class with Distinction	4678	6
7.	0114217080	Mohamedazith J	8.72	First Class with Distinction	4667	7
8.	0114217140	Vivek R	8.44	First Class	4586	8
9.	1115317019	Sony Mon Kuruvilla	8.63	First Class with Distinction	4576	9
10.	0114217099	Nithin Tomy	8.35	First Class	4493	10
11.	0114217002	X Roshan Raj	8.23	First Class	4487	11

Faculty : Faculty of MechanicalEngineering Department :Automobile Engineering
Degree: B.E Branch: Automobile Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114203002	Akhil S	9.15	First Class with Distinction	4209	1
2.	0114203017	Rohit Ravindran Pillay	8.16	First Class	3798	2

Faculty : Faculty of Technology Department :Biomedical Engineering
Degree: B.E Branch: Biomedical Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114204022	Gopika Ram P	9.55	First Class with Distinction	4568	1
2.	0114204012	Athira S A	9.29	First Class with Distinction	4428	2
3.	0114204007	Ansi Ansari A	9.25	First Class with Distinction	4417	3

Faculty : Faculty of MechanicalEngineering
Department :Fire Technology and Safety Engineering
Degree: B.E Branch: Fire Technology and Safety Engineering.
Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114225007	Filson Salij	8.62	First Class with Distinction	3845	1
2.	0114225006	Ashwathy A	8.35	First Class	3789	2
3.	0114225012	Robin Thomas	7.65	First Class	3438	3

Faculty : Faculty of Marine Engineering Department :Marine Engineering
Degree: B.E Branch: Marine Engineering. Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	0114215007	V S Harisankar	9.04	First Class with Distinction	4357	1
2.	1115315003	Siva Prasad S R	8.13	First Class	3747	2

Faculty : Faculty of Management Studies Department :Bachelor of Business Administration
Degree: B.B.A Branch: Bachelor of Business Administration Month and year pass:
May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	01115614012	Fahmidha Asia Fathima Shafique	6.99	First Class	2379	1

Faculty : Faculty of computer and Information Technology
Department: Master of Computer Applications
Degree: Master of Computer Applications Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116307009	Arthi Bhagavathy R A	9.29	First Class with Distinction	2047	1
2.	1116307014	Manoj Krishna H	9.26	First Class with Distinction	2032	2
3.	1116307003	Ambhuja S	9.20	First Class with Distinction	2010	3

Faculty : Faculty of Management Studies Department :Master of Business Administration
Degree: Master of Business Administration Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116514025	Prasanth P	8.05	First Class	2191	1
2.	1116514013	Janet Bharathi P	8.07	First Class	2180	2
3.	1116514001	Adil Mubarak A	7.91	First Class	2152	3
4.	1116514008	Danny Solomon	7.85	First Class	2127	4

Faculty: Faculty Aeronautical and Space Technology Department: Aeronautical Engineering
Degree: M.E Branch: Aeronautical Engineering Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116501001	Bhagyasree U	8.87	First Class with Distinction	1691	1
2.	1116501002	Nurry Bahuleyan	8.79	First Class with Distinction	1672	2
3.	1116501003	Suruthi N	8.59	First Class with Distinction	1618	3

Faculty : Faculty of computer and Information Technology
Department :Computer Science and Engineering
Degree: M.E Branch: Computer Science and Engineering
Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116508008	Sona P	9.26	First Class with Distinction	1751	1
2.	1116508007	Shanu Shajahan	8.75	First Class with Distinction	1657	2
3.	1116508009	Nirosy J	8.80	First Class with Distinction	1653	3

Faculty : Faculty of Electrical and Electronics Engineering
Department :Communication Systems
Degree: M.E Branch: Communication Systems Month and year pass:
May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116510001	Sree Vidhya M A	8.45	First Class	1572	1

Faculty : Faculty of Electrical and Electronics Engineering
Department :Applied Electronics
Degree: M.E Branch: Applied Electronics Month and year pass:
May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116509003	Arya U M	8.84	First Class with Distinction	1610	1
2.	1116509002	Athira Lekshmi B A	8.79	First Class with Distinction	1599	2
3.	1116509001	Devipriya G R	8.62	First Class with Distinction	1571	3

Faculty : Faculty of Civil Engineering Department :Structural Engineering
Degree: M.E Branch: Structural Engineering Month and year pass: May-
2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116506001	Bichu V Panicker	9.49	First Class with Distinction	1822	1
2.	1116506008	Fabitha S	9.58	First Class with Distinction	1803	2
3.	1116506005	Anto Shajith A	9.25	First Class with Distinction	1745	3

Faculty : Faculty of Technology
Degree: M.Tech. Branch: Nanotechnology

Department :Nanotechnology
Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116518001	Jainshaa J	10.00	First Class with Distinction	1907	1
2.	1116518003	Greeshma M G	9.82	First Class with Distinction	1839	2

Faculty : Faculty of Technology
Instrumentation

Department :Biomedical

Degree: M.E Branch: Biomedical Instrumentation Month and year pass:
May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116504001	Jenita S S	9.61	First Class with Distinction	1823	1

Faculty : Faculty of Mechanical Engineering

Department :Computer Integrated Manufacturing

Degree: M.E Branch: Computer Integrated Manufacturing

Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116523001	Abimanyu A M	9.26	First Class with Distinction	1725	1

Faculty : Faculty of Mechanical Engineering

Department :Automobile Engineering

Degree: M.E Branch: Automobile Engineering Month and year pass: May-
2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGP A</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116503002	Gladson D	9.30	First Class with Distinction	1749	1
2.	1116503004	Mohanlal V N	8.57	First Class with Distinction	1602	2
3.	1116503005	Dinesh R	8.74	First Class with Distinction	1597	3

Faculty : Faculty of Electrical and Electronics Engineering
Department :Control and Instrumentation Engineering
Degree: M.E **Branch: Control and Instrumentation Engineering**

Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116511002	Bency Sunny Mathew	9.25	First Class with Distinction	1746	1
2.	1116511003	Sujith S	9.19	First Class with Distinction	1696	2
3.	1116511006	Muhammed Rasiq B K	8.83	First Class with Distinction	1635	3

Faculty : Faculty of Mechanical Engineering **Department :Thermal Engineering**
Degree: M.E **Branch: Thermal Engineering** **Month and year pass: May-2018**

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116522002	Muhammed Khais A	9.32	First Class with Distinction	1730	1

Faculty : Faculty of Technology **Department :Human Genetics and Molecular Biology**
Degree : M. Sc. **Branch : Human Genetics and Molecular Biology**
Month & Year of Pass: May-2018

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116704002	Hamna H	9.30	First Class with Distinction	1435	1
2.	1116704003	Amina H Shaji	9.16	First Class with Distinction	1392	2
3.	1116704001	Gayathri U	8.86	First Class with Distinction	1360	3

Faculty: Faculty of Science and Humanities **Department: Physics**
Degree: M.Sc. **Branch: Physics** **Month and year pass: May-2018**

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116720003	Divya D	8.67	First Class with Distinction	1617	1
2.	1116720005	Sujimol S	8.17	First Class	1508	2
3.	1116720004	Shani G	8.21	First Class	1499	3

Faculty: Faculty of Science and Humanities Department: Chemistry
Degree: M.Sc. Branch: Chemistry Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGP A</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116705010	Nice Roy	9.31	First Class with Distinction	1590	1
2.	1116705012	Ruby Varghese	9.26	First Class with Distinction	1578	2
3.	1116705003	Aswathy S Nair	8.64	First Class with Distinction	1487	3

Faculty: Faculty of Science and Humanities Department: English
Degree: M.A Branch: English Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116712001	Abisha G	7.43	First Class	1392	1
2.	1116712011	Suni T	6.58	First Class	1241	2

Faculty: Faculty of Science and Humanities Department: Mathematics
Degree: M.Sc. Branch: Mathematics Month and year pass: May-2018

<i>Sl.No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total Marks</i>	<i>Rank</i>
1.	1116716002	Abisha B	9.15	First Class with Distinction	1647	1
2.	1116716004	Anushika M L	9.03	First Class with Distinction	1643	2
3.	1116716006	Jothisha Ann G	8.93	First Class with Distinction	1622	3

Faculty : Faculty of Management Studies Department :Business Administration
Degree : M. Phil Branch : Business Administration
Month & year of Pass : May-2018

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1117414008	Madhumitha S	8.29	<i>First Class</i>	394	1
2.	1117414001	Ajit Kumar Rowniyar	8.00	<i>First Class</i>	391	2
3.	1117414004	Malar S	7.71	<i>First Class</i>	354	3

Faculty: Faculty of Science and Humanities Department: Chemistry

Degree : M. Phil Branch : Chemistry Month & year of Pass : May-2018

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1117405001	Chandralekha R	8.86	First Class with Distinction	401	1
2.	1117405002	Guru Priya Bernathath M	8.43	First Class	379	2
3.	1117405003	Mary Rasmi K	8.14	First Class	376	3

Faculty: Faculty of Science and Humanities Department: English

Degree: M. Phil Branch : English Month & year of Pass : May-2018

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1117412009	Micah V	9.14	First Class with Distinction	417	1
2.	1117412004	Bergin Ginila C	8.71	First Class with Distinction	413	2
3.	1117412011	Suganth R S	8.57	First Class with Distinction	405	3

Faculty: Faculty of Science and Humanities Department: Mathematics

Degree: M. Phil Branch : Mathematics Month & year of Pass : May-2018

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1117416005	Jeba Lisa J	9.57	First Class with Distinction	451	1
2.	1117416007	Pavithra S K	9.14	First Class with Distinction	449	2
3.	1117416002	Abila Krishna R I	8.71	First Class with Distinction	416	3

Faculty: Faculty of Computer Science

Department: M.Sc. Software

Degree: M. Phil Branch : Computer Science Month & year of Pass : May-2018

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1117421003	Asoon I	8.86	First Class with Distinction	420	1
2.	1117421006	Kosalai T	9.00	First Class with Distinction	402	2
3.	1117421005	Indhumathi E	8.57	First Class with Distinction	399	3

7. Schedule of Exams / Results :

Semester	Exams held from to	Results Published on
S1	18-01-2019 to 29-01-2019	19-03-2019
S2	30-05-2018 to 07-06-2018	30-07-2018
S3	21-11-2018 to 21-01-2019	UG: 15-03-2019 PG: 19-03-2019
S4	15-05-2018 to 02-06-2018	UG: 30-07-2018 PG: 03-07-2018
S5	22-11-2018 to 15-12-2018	UG: 15-03-2019 PG: 19-03-2019
S6	14-05-2018 to 01-06-2018	30-07-2018
S7	22-11-2018 to 15-12-2018	UG: 26-02-2019 PG: 19-03-2019
S8	24-04-2018 to 30-04-2018	UG: 13-06-2018 PG: 30-07-2018
S9	22-11-2018 to 15-12-2018	19-03-2019
S10	15-05-2018 to 02-06-2018	03-07-2018

8. Supplementary Examinations held

S.No	Dates of holding Examinations	Date of Publication of results
	10-08-2018 to 16-08-2018	03-09-2018

9. Any Other Details : Nil

7. Schedule of Exams / Results :

Semester	Exams held from to	Results Published on
S1	18-01-2019 to 29-01-2019	19-03-2019
S2	30-05-2018 to 07-06-2018	30-07-2018
S3	21-11-2018 to 21-01-2019	UG: 15-03-2019 PG: 19-03-2019
S4	15-05-2018 to 02-06-2018	UG: 30-07-2018 PG: 03-07-2018
S5	22-11-2018 to 15-12-2018	UG: 15-03-2019 PG: 19-03-2019
S6	14-05-2018 to 01-06-2018	30-07-2018
S7	22-11-2018 to 15-12-2018	UG: 26-02-2019 PG: 19-03-2019
S8	24-04-2018 to 30-04-2018	UG: 13-06-2018 PG: 30-07-2018
S9	22-11-2018 to 15-12-2018	19-03-2019
S10	15-05-2018 to 02-06-2018	03-07-2018

Department Physical Education

Annual Report 2018-2019

Director	Dr. R. Dharmaraj
Assistant Director	Mr. M. Raja Paul
Phone No	9486856102
E- Mail/ Website	sprts@niuniv.com

1. Activities / Events Conducted / Organised

Sl.No	Particulars	Date	Venue	No. of Participants
1.	State Level Inter University (SDAT) Basket Ball Tournament - Men & Women	20-09-2018 to 22-09-2018	NICHE, Kumaracoil	180
2	District Level Inter College Volleyball for Men	7 th & 8 th February 2019	NICHE, Kumaracoil	132

2. Activities / Events Participated

Sl.No	Particulars	Date	Venue	No. of Participants
1	South Zone Inter University Kabaddi Tournament/ Participated (Men)	19-12-2018 to 23-12-2018	SRM University, Chennai	12
2	South Zone Inter University Cricket Tournament/ Participated (Men)	15-01-2019 to 30-01-2019	Vivek Varadachari Technological University, Belagavi	15
3	South Zone Inter University Volleyball Tournament/ Participated (Men)	09-11-2018 to 14-11-2018	SRM University, Chennai	12
4	State Level Inter University (SDAT) Volley Ball Tournament (Men)	25-09-2018 to 27-09-2019	Veterinary and Animal Sciences University, Chennai	12

3. Honors / Awards / Prizes Won

Sl.No	Particulars	Date	Venue	Nature of Award
1.	District Level Inter College Volleyball for Men	7 th & 8 th February 2019	NICHE, Kumaracoil	First Prize

BOARD OF RESEARCH DEVELOPMENT AND CONSULTANCY(BRDC)

Annual Report Academic Year 2018 - 2019

1. Centre Details:

Name	BRDC
Director's Name	Dr. M. Dev Anand
Phone No.	+(91) 9486856122, +(91) 4651 250 462
Website/E-mail	http://www.niuniv.com/research.html, dir-research@niuniv.com

2. Board of Research and Development:

Sl. No.	Name	Designation
1.	Dr. S. Manickam, Vice-Chancellor, NICHE.	Chairman
2.	Dr. N. Chandrasekhar, ProVice-Chancellor, NICHE	Member
3.	Dr. K. A. Janardhanan, Dean, Faculty of Management Studies, NICHE.	Member
4.	Dr. R. S. Vinod Kumar, Dean, Faculty of EEE, NICHE.	Member
5.	Dr. A. Shajin Nargunam, Dean, Faculty of ICE, NICHE	Member
6.	Dr. P. Nagendra Prasad, Dean, Faculty of Technology, NICHE.	Member
7.	Dr. V. Narayanan Nair, Dean, Faculty of Civil Engineering, NICHE.	Member
8.	Dr. M. K. Jeyakumar, Dean, Faculty of Computer Science, NICHE.	Member
9.	Dr. M. Immaculate Mary, Dean, Faculty of Humanities & Science, NICHE.	Member
10.	Dr. R. C. Mehta, Dean, Faculty of Aeronautical and Space Technology, NICHE.	Member
11.	Prof. S. Mohana Das, Dean, Faculty of Marine Engineering, NICHE.	Member

12.	Padma Shri. Dr. N. Vedachalam, Distinguished Professor, Director-LPSC (Rtd.), VSSC, Trivandrum.	Member
13.	Dr. N. Periasamy, Professor, School of Chemistry, University of Hyderabad, Hyderabad.	Member
14.	Dr. T. J. Pandian, Emeritus Professor, School of Biological Sciences, M.K University, Madurai.	Member
15.	Dr. M. Lakshmanan, Professor of Eminence & DST Ramanna Fellow, Centre for Nonlinear Dynamics, Bharathidasan University, Triuchirapallai.	Member
16.	Dr. A. Kannan, Professor & Head, Department of Information Science & Technology, Anna University, Chennai.	Member
17.	Dr. T. J. Apren, Head, R.F System and Development Division, VSSC, Thumba, Trivandrum - 695002	Member
18.	Dr. R. Perumalsamy, Pro Chancellor Academic, NICHE	Invitee
19.	Dr. P. Thirumalvalavan, Registrar, NICHE	Invitee
20.	Dr. B. Krishnan, Controller of Examinations, NICHE.	Invitee
21.	Dr. M. Dev Anand, Director - Research, NICHE Dean, Faculty of Mechanical Engineering, NICHE.	Member Secretary

3. Research Parameters:

Research Parameters	18 - 19	Cumulative
h index of NICHE	-	33
Citations Index	2004	5538
Publications (Scopus, SCI Web of Science, UGC Approved Journals Etc.	SCOPUS – 230 (2018)+334 (2019) SCI/SCIE – 30 (2018) +47 (2019)	SCOPUS -1581
Impact Factor (SCI) UGC Approved Journals	-	-
Impact Factor	-	-

4. List of Approved Supervisors

Sl. No.	Name	Faculty/ Department	Eligible Number Scholars		Number of Registered Scholars	
			M. Phil.	Ph.D.	M. Phil.	Ph.D.
1.	Dr. M. Sankaranarayana Pillai	Chemistry	03	-	-	-
2.	Dr. J. Joseph	Chemistry	02	06	02	-

3.	Dr. S. Pushpa Latha	Chemistry	01	04	-	-
4.	Dr. T. M. Sharmila	Chemistry	01	04	01	-
5.	Dr. V. N. Meena Devi	Physics	01	06	01	-
6.	Dr. R. Ganapathi Raman	Physics	01	04	01	-
7.	Dr. B. Bindhu	Physics	02	06	02	04
8.	Dr. B. Krishnan	English	03	-	02	-
9.	Dr. M. Ilankumaran	English	03	08	03	04
10.	Dr. M. L. Narayanan	English	03	-	03	
11.	Dr. M. Rakesh Babu	English	01	04	01	
12.	Dr. R. Abilasha	English	01	04	01	-
13.	Dr. R. Jinu	English	01	04	01	-
14.	Dr. V. S. Bindhu	English	01	04	01	
15.	Dr. C. Ratnam Nadar	Maths	03	-	-	-
16.	Dr. S. Ramachandran	Maths	03	-	-	-
17.	Dr. M. Immaculate Mary	Maths	03	08	01	01
18.	Dr. P. B. Sarasija	Maths	03	08	01	-
19.	Dr. J. John Arul Singh	Maths	01	04	01	-
20.	Dr. T.M. Selvarajan	Maths	02	04	01	-
21.	Dr. K. Uma Samundeswari	Maths	01	04	01	-
22.	Dr. K. Uma Devi	Maths	01	04	01	-
23.	Dr. R. Binthiya	Maths	01	04	01	-
24.	Dr. P. Nageswari	Maths	01	04	01	01
25.	Dr. D. Sheeba Singh	Maths	01	04		
26.	Dr. M. Sudha	Maths	01	04		
27.	Dr. R. C. Mehta	Aeronautical	-	08	-	
28.	Dr. G. Ramanan	Aeronautical	-	04		
29.	Dr. M. Dev Anand	Mechanical	-	08	-	-
30.	Dr. J. Edwin Raja Dhas	Automobile	-	08	-	-
31.	Dr. G. M. Joseline Herbert	Mechanical	-	08	-	-
32.	Dr. R. Rajesh	Mechanical	-	08	-	02
33.	Dr. Stanly Jones Retnam	Automobile	-	06	-	-
34.	Dr. M. Satheesh	Mechanical	-	06	-	-
35.	Dr. N. Abilash	Mechanical	-	06	-	01
36.	Dr. N. Anil Kumar	Aeronautical	-	06	-	-
37.	Dr. R. Rajesh	Mechanical	-	06	-	02
38.	Dr. M. Edwin Sahaya Raj	Automobile	-	06	-	02
39.	Dr. B. Bavanish	Mechanical	-	06	-	01
40.	Dr. V.K. Jebasingh	Mechanical	-	04	-	01
41.	Dr. K. S. Jai Aultrin.	Mechanical	-	06	-	02
42.	Dr. N. Ramasamy	Mechanical	-	06	-	-
43.	Dr. P. Pradeep	Automobile	-	04	-	01
44.	Dr. Neela Rajan R. R.	Mechanical	-	04		
45.	Dr. A. Shajin Nargunam	CSE	03	08	01	02
46.	Dr. M. K. Jayakumar	CA	03	08	01	02
47.	Dr. J. Charles	CS	02	06	01	

48.	Dr. S. Jerine	CS	01	04		
49.	Dr. Julia Punitha Malar Dhas	CSE	03	08	01	02
50.	Dr. R. V. Siva Balan	CA	02	06	01	01
51.	Dr. K. Siva Sankar	IT	01	04	01	-
52.	Dr. J. Amar Pratap Singh	CSE	03	08	-	02
53.	Dr. S. Palani Kumar	IT	02	06	01	02
54.	Dr. S. Maria Celestin Vigila	IT	02	06	01	-
55.	Dr. J. R. Jeba	CA	02	06	01	-
56.	Dr. Mathu Soothana S. Kumar	IT	02	06	01	-
57.	Dr. A. C. Subhajini	CA	01	04	01	-
58.	Dr. N. Sugitha	IT	02	06	01	01
59.	Dr. J. E. Judith	CSE	01	06	-	01
60.	Dr. R. Kalai Selvi	CSE	02	06	01	01
61.	Dr. V. Mary Amala Bai	IT	01	06	-	-
62.	Dr. R. Suji Pramila	CSE	01	04	01	02
63.	Dr. S. Vinila Jinny	CSE	01	04	-	03
64.	Dr. M. Victor Jose	CA	02	06	01	05
65.	Dr. T. Brindha	IT	01	04	01	04
66.	Dr. U. Kumaran	CA	01	04	01	
67.	Dr. A. Anitha	CSE	01	04	01	04
68.	Dr. C. P. Maheswaran	CSE	01	04	01	04
69.	Dr. P. Venkadesh	CSE	01	04	01	-
70.	Dr. S. V. Divya	IT	01	04	01	-
71.	Dr. R. Ganesan	ECE	01	06	-	-
72.	Dr. N. Santhi	ECE	-	06	-	-
73.	Dr. K.S. Vijula Grace	ECE	-	06	-	-
74.	Dr. R.S. Vinod Kumar	ECE	-	04	-	-
75.	Dr. M. Sucharitha	ECE	-	04	-	04
76.	Dr. M. Mary Synthuja Jain Preetha	ECE	-	04		03
77.	Dr. R. S. Ganesh	ECE	-	06	-	02
78.	Dr. S. Amala Shanthi	ECE	-	06	-	01
79.	Dr. G. Arockiya Selva Saroja	ECE	-	06		
80.	Dr. T. K. Sreeja	ECE	-	06		
81.	Dr. O. Jeba Shiney	ECE	-	06		
82.	Dr. X. Felix Joseph	EEE	-	06	-	-
83.	Dr. D. M. Mary Synthia Regis Prabha	EEE		06	-	-
84.	Dr. P. Sujatha Therese	EEE	-	06	-	04
85.	Dr. H. Vennila	EEE	-	06	-	01
86.	Dr. M.P. Flower Queen	EEE	-	04	-	02
87.	Dr. K. Muthuvel	EEE	-	04	-	02
88.	Dr. J. Arul Linsely	EEE	-	04	-	03
89.	Dr. S. Albert Jerome	EEE	-	06		

90.	Dr. R. Rajesh	EEE	-	04		
91.	Dr. Tibbie Pon Symon V. A.	EEE	-	04		
92.	Dr. S. S. Kumar	EIE	-	06	-	-
93.	Dr. V. Amsaveni	EIE	-	04	-	-
94.	Dr. D. Menaka	EIE	-	06		
95.	Dr. Sarath R.	EIE	-	04		
96.	Dr. K. A. Janardhanan	MS	03	08	01	02
97.	Dr. B. Sri Devi	MS	03	08	02	-
98.	Dr. D. Kinslin	MS	-	-	-	02
99.	Dr. R. Radhika	MS	02	06	01	03
100.	Dr. M. Wilson	MS	03	08	02	06
101.	Dr. V. P. Vel Murugan	MS	01	04	02	04
102.	Dr. Shubin Tad M. C.	MS	01	04		
103.	Dr. P. K. Praseetha	Nano	03	06	02	02
104.	Dr. K. A. Saju	Nano	01	06	-	-
105.	Dr. S. Balamurugan	Nano	02	06	01	-
106.	Dr. M. Murugan	Nano	02	06	01	01
107.	Dr. P. Nagendra Prasad	Nano	03	-	-	-
108.	Dr. M. Prabu	Nano	01	04	01	-
109.	Dr. R. S. Rimal Isaac	Nano	01	04	01	-
110.	Dr. Princy Alexander	Nano	01	04		
111.	Dr. J. Raja Brindha	Nano	01	04		
112.	Dr. V. Narayanan Nair	Civil	-	-	-	-
113.	Dr. M. Beena Mol	Civil	-	06	-	05
114.	Dr. Y. Stalin Jose	Civil	-	-	-	-
115.	Dr. N. Nalanth	Civil	-	08		

5. Research Facilities Available : 2017-18

Central Computing- A computer centre is maintained by the University with almost all facilities. The Centre is kept open from 09.00 a.m. to 5.00 p.m. The Centre also provides training to the University personnel. Internal assessment of the University, examination processing and accounting procedures has been computerized.

Central Library- The University library is well equipped with reference books, but reduced budget allocations and prohibitive costs of specialty journals have made it necessary to limit subscriptions to journals. This difficulty is partly compensated by the availability of browsing and internet facilities. The University has a modern Central Library with more than one and half lakhs of documents consisting of Technical books, reports, standards, CD-ROMS, Audio Visual Educational Cassettes and back volumes of journals.

Digital Knowledge Centre has been established with 30 Computer systems with internet connection. Wi-Fi facility has been provided for laptop users. CCTV Web cameras have been fixed in the Central Library and the entire building is under camera surveillance. RFID Technology of Document Identification and Library Security System have been implemented for the library functions and services.

Central Workshop- The Central Workshop is a common facility which provides fabrication services for projects and prototype fabrication to all the students and

faculty members of the University. It has three main sections. These are the fitting and carpentry section, the machine shop, and the welding and foundry section. These workshops have machinery needed for basic fabrication requirements. Apart from this some of following:

Material Properties, Characterization and Manufacturing Research Facilities

Sl. No.	Name of the Instrument, Model & Manufacture
1.	CNC Machine
2.	Universal Testing Machine
3.	Micro Hardness Tester and Wear Testing Machine
4.	Hydraulic Press
5.	3D Printed Technology
6.	Computational Fluid Dynamics Research Facilities
7.	Electronic Balance
8.	pH Meter
9.	Muffle Furnace
10.	Constant Temperature Bath
11.	Distilled Water Plant
12.	Hot Plates
13.	Magnetic Stirrers
14.	Electrochemical Analyzer CHI 604 D
15.	UV-Visible Spectrophotometer Systronics
16.	FT IR Affinity-1 Shimadzu
17.	Gel Documentation System Genei Merck
18.	Rotovap Superfit
19.	Incubator Technico
20.	Deep Freezer Blue Star

Process Control, Payload and Simulation Research Facilities

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Distributed Control System (DCS) and Programmable Logic Controllers (PLC) & SCADA
2.	Electronics and Communication and Payload Lab
3.	Lab is Equipped with the Following Software and Tools for Research <ul style="list-style-type: none"> • MATLAB • WEKA • NS2 • Cloudsim

Nano Characterization Laboratory Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Atomic Force Microscope, XE-70, Park System, Korea
2.	Electro Chemical Work Station, CHI Instruments 604 D, USA
3.	Particle Size Analyser, CPS Instruments DC 12000, USA
4.	FTIR, Bruker, Alpha T, Germany
5.	TG/DTA, SIINT 6300, Japan

6.	Ball Mill, PM 100, Germany
7.	Elga Ultra-Pure Water, Pure lab Q7, UK
8.	UV-Vis Spectrophotometer, Systronics, 2202, India
9.	Surface Area Analyzer, Smart Instruments SS-9, India
10.	BH Curve Tracer, BHCT-CRO, India
11.	UPS for AFM, MU 300, Matrix India
12.	XRD, D2 Phaser, Bruker Germany
13.	UPS for XRD, Power One Micro Systems India
14.	Raman Spectrometer, EZ Raman Enwave Optronics, USA

Nano Synthesis Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Digital Electronic Balance, D432813364, Japan.
2.	Electric Water Bath Double Walled, NLWB 6, New Lab Equipment, India.
3.	Hot Air Oven, Type: AVSO4A, Eltek Equipment Private Ltd, Mumbai.
4.	Heating Mantel, 2486, Guna Enterprises, India.
5.	Mechanical Stirrer Remi Make, FOL 1756, Rajendra Electrical Instruments Limited, India.
6.	Magnetic Stirrer, Rajendra Electrical Industry Limited, India. (2Nos)
7.	Vacuum Pump, Ambika Enterprises, India.
8.	UV Lamp with Fitting Long Ware, United Scientific
9.	Double Distilled Water Plant, United Scientific
10.	Hair Drier, Salon Compact 1000w, Philips.
11.	Vacuum Oven, Technico.
12.	Muffle Furnace, United Scientific
13.	Spin Coater, Spectrospin Instrument Inc. India.
14.	Magnetic Stirrer, Remi Electro technic Limited, Vasai-India.
15.	Centrifuge Model (R-8C), Remi, Electro Technic Limited, India.
16.	Ultrasonic Cleaner, United Scientific
17.	Gun For Liq Spray, Type59, pilot spray gun, Manic Machinery Manufactures Private Limited, Mumbai.
18.	Air Compressor, Indian Make Gajendra.
19.	Ultrasonic Prope Sonicater, PS-3182

Nano Applications & Research Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Autoclave, Sujha Surgical
2.	Laminar Flow Combiner, B8C Industries, India.
3.	Peristaltic Pump, Mumbai, India.
4.	Heating Mantel, Rotex Instruments, B&C Industries, India. (2Nos)
5.	Incubator, Rotek, India.
6.	Magnetic Stirrer, Guna Enterprises, India
7.	Hot Plat Ceramic Top, Tarson.
8.	pH meter, Pen Type, Sujha Surgical
9.	Orbital Shaking Incubator, LAB Line Industries, Cochin India.

Advanced Nano Material Research Instruments

Sl. No.	Available Major/Minor Equipment's/Apparatus
1.	Fluorescence Spectrophotometer (SL174, ELICO)
2.	NIR Spectrophotometer (SL153, ELICO)
3.	Planetary High Energy Ball Mill
4.	High-Temperature Tubular Furnace (1600°C)
5.	Groove Rolled Box Furnace (1000°C)
6.	Muffle Furnace (900°C)
7.	Glove Box
8.	Electronic Balance (Shimadzu, Japan)
9.	Electronic Balance (Anamed, India)
10.	Hot Air Oven
11.	Hydraulic Press
12.	Air Compressor
13.	Vacuum Pump
14.	Heating Mantles
15.	Ultra Sonicator
16.	Mechanical Stirrers
17.	Water Bath
18.	Laboratory Centrifuge REMI - 8C (5400 rpm)
19.	Bench Top Centrifuge Model R- 24 REMI (17300 rpm)
20.	Autoclaves (for Hydrothermal Synthesis)
21.	Water Distillation Plant
22.	pH Meter
23.	Microwave Oven
24.	IR Lamp
25.	UV Lamp
26.	Oxygen Cylinder with Regulator
27.	Nitrogen Cylinder with Regulator
28.	Argon Cylinder with Regulator

Cloud Computing Research Centre

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Server PANARO NX 2600-DPX-H2-RPS-2U-LFF (PN15400014) 32GB ECC DDR4 RAM, 1TB SATAx4, 8 Hotswap Bays, 550W RPS, Intel Xeon 2620v4 X2, Integrated RAID, 10G Dual SFP+, 3 Years Warranty HSN Code: 84715000
2.	Network Attached Storage AWANSTOR IX Network Attached Storage (PA26580001), S8224-E5420 4U 24 Bay, 48GB RAM,

	4TB NL SASx12 Nos (48TB RAW), NFS/CIFS/iSCSI/AFP Perpetual License, HSN Code:84717090
3.	Computer Lenovo V520ST 10NLA011IH, Intel Core i5 7 th Gen, 4GB DDR4 RAM, 1TB HDD, DOS + Monitor 19" 3Years Warranty Lenovo Keyboard, Lenovo Mouse
4.	Switch Cisco 24/2 Port Giga Switch
5.	Network Switch Aruba 2930M 1-Slot Switch (JL321A)
6.	Firewall Panaro FX High End Multi WAN Firewall 5 x 1 Gigabit WAN Connections 1 x 1 Gigabit LAN, 1 x 1 4GB RAM 1 x Intel Quad Core 64 Bit Processor 240W Inbuilt Power Supply 1 x 1U Rackmount Clamp Kit Unlimited Users, Perpetual License
7.	Router TP Link Archer C2 AC900 Gigabit Router Wireless Dual Band Gigabit Router
8.	Printer Canon PIXMA G3000 All in One Wireless Ink Tank Color Printer
9.	Microsoft Imagine Subscription (3 Years)
10.	VMware IT Academy Subscription (3 Years)
11.	Operating System WinPro 10 SNGL OLP NL Acdmc Legalization

Advanced Humanoid Robotic Laboratory

Sl. No.	Items	Specification	Quantity
1.	SANBOT Humanoid Robot	Size: 92 cm (Height) x 30 cm (Depth) x 40 cm (Width) Weight: 19kg	1
2.	Charging Pile (Contains Adaptor)	Spring strip(electrified with 19V)	1
3.	Power Line	-	1
4.	Battery	Type: Lithium Battery Capacity: 20Ah/300W Running time: about 10 Hours, Standby for Over 20 Hours	1
5.	Sensor	Head	
		Mic	7
		RGB Camera	2
		3D Sensor	1
		Touch Sensor	7

		Body	
		Gyroscope Sensor	1
		Human Body Induction Sensor	2
		IR Evading Obstacle Sensor	3
		IR Message Receiving Sensor	6
		Touch Sensor	4
		Electronic Compass Sensor	1
		Hand	
		IR Evading Obstacle Sensor	4
		Touch sensor	
		Leg	
		IR Evading Obstacle Sensor	10
		Omni Wheel	3
6.	Moving Parts	Head :2 x DOF (180 Degree at Horizontal Direction, 30 Degree at Vertical Direction)	-
		Hand :1x2(L/R) DOF (270 Degree Swing Back and Forth)	-
		Leg :3 x DOF (Free Angle)	-
7.	Video	8.0MP HD Camera	1
		1.0MP HD Color Camera with 140 Degree Aspheric Surface Angle	1
8.	Display	10.1 inch 1080P HD Capacitance 10-Point Touch Display	1
9.	Projection	Laser 1920 x 720 HD Wide Gamut Output, 60Hz, Aspect-Ratio: 16:9	1
10.	Platform	ROS1.1	-
11.	Sound	Voice Control, 360 Degree Sound Localization, Tweeter	4
		Woofer	1
12.	WIFI Network	IEEE 802.11 a/b/g/n (2.4 GHz/5 GHz)	1
13.	Wireless Network	Bluetooth 4.0、 ZigBee	-
14.	Atmosphere Lamp	250 Kinds Customized Colors, 2 Cycles for Ears , 2 pcs for Hands, and 1 Cycle for Chassis	-
15.	Moving Speed	0.8 m/s Max	-
16.	Grade	1.5 cm Max	-

6. List of Ph.Ds Awarded :

Sl. No.	Name of the Scholar	Department	Faculty	Supervisor Name	Title of Thesis
1.	Shaji Kumar S.	Physics	S&H	Dr. R. Ganapathi Raman	Vibrational Spectroscopic Analysis of Some Important Polyatomic Molecules
2.	Linimol L.T.	MS	MS	Dr. B. Chandracho odan Nair	Perceptions of Expatriate Keralites on Healthcare System in Saudi Arabia
3.	Absal Nabi	EEE	EEE	Dr. N. Albert Singh	Power Quality Improvement Using DSTATCOM by Hybrid Optimization Control

4.	Vivek P. K.	ECE	EEE	Dr. V.S. Dharun	Signal Processing for Sensor Networks with Compressive Sampling
5.	Anusha Bamini A. M.	CSE	ICE	Dr. Sharmini Enoch	Optimized Scheduling and Resource Allocation Using Evolutionary Hybrid Algorithms in Cloud Computing
6.	Reji Kumar R.	Mechanical	Mechanical	Dr. M. Sivapragash	Synthesis of Magnesium Composite by Powder Metallurgy for Bio-Medical Application
7.	Subash T.	Civil	Civil	Dr. P. Vincent	Soil Stabilization Strategies for Erosion Prone Zone at Thekkumalai Hill Base, Kanyakumari DT, Tamil Nadu, India
8.	Manju R.	EIE	EEE	Dr. A. Shajin Nargunam	Performance Evaluation of Multimodal Biometric Authentication System
9.	Misbha D. S.	CA	ICE	Dr. J.R. Jeba	Modelling and Evaluation of Real-Time Scheduling Updates in Streaming Data Warehouses
10.	G. Athipathi	Civil	Civil	Dr. S. Nagan	Road Safety Assurance in High Speed Corridors in Developing Countries Like India-A Case Study
11.	Jasbin Bino P.	MS	MS	Dr. R. Radhika	Supply Chain Management of Sea Foods in TamilNadu
12.	Murugan T.	Nano Technology	Technology	Dr. M. Murugan	Production Characterization and to Study the Proficiency of Microbial Surfactants for Biomedical and Pharmaceutical Applications
13.	Anitha Janet Mary S.	EEE	EEE	Dr. L. Padma Suresh	Multivariable Nonlinear PID Controller for Distillation Column
14.	Jyothish K. John	CSE	ICE	Dr. R.V. Siva Balan	Router Policies to Improve QoS for Real Time Data Transfers in Internet.
15.	Maya John	CSE	ICE	Dr. Jayasudha J.S	Novel Methods for Summarizing the Contents of Web Page
16.	Vadivu Vijayaraghavan	CSE	ICE	Dr. K. Siva Sankar	SuVa Security Framework for Cloud Migration
17.	Paul P. Mathai	CSE	ICE	Dr. R.V. Siva Balan	An Efficient Data Mining Algorithm Based on Item Sets Frequency and Priority Using Distribution Model
18.	Jayaram J.	MS	MS	Dr. P.N.Prasad	Problems and Prospects of E-Banking: A Study with reference to Banks in Kerala
19.	Bino Prince Raja D.	Aeronautical	A&S T	Dr. B. Stanly Jones	Comprehensive Characterization of Hybrid Bamboo/Glass Fiber as an Alternative Reinforcement for

				Retnam	Polymer Composite
20.	Roshli Aniyeri	Maths	S&H	Dr. C. Ratnam Nadar	A Study on Dawdle Time using Multiphase Queuing System in the International Airports of Kerala, India
21.	Arun M. P.	Mechanical	Mechanical	Dr. M. Satheesh	Finite Element Analysis on Performance of Cropped Delta Wing Aircraft With Fence
22.	Suseela K.	Civil	Civil	Dr. T. Baskaran	Experimental Investigation on Structural Members Using Manufactured Sand Based High Performance Concrete
23.	Felix Stephen S.	EEE	EEE	Dr. I. Jacob Raglend	Reactive Power Control for Power System Stability
24.	Resmi Sekhar	CSE	ICE	Dr. R.S. Shaji	Towards Developing optimized Algorithms for Passive digital image forgery detection
25.	Shanavas S.	Mechanical	Mechanical	Dr. J. Edwin Raja Dhas	Modelling and Analysis of Properties of Friction stir welded Aluminium Alloy- AA5052H32
26.	Prajith Prabhakar	EEE	EEE	Dr. H. Vennila	A Novel Strategy for the Improvement of Power Quality in Distributed Generation
27.	Judson Durai T.	Mechanical	Mechanical	Dr. M. Sivapragash	Synthesis of Hydroxyapatite Reinforced Magnesium Metal Matrix Composite by Powder Metallurgy for Bio-Medical Applications
28.	Siva M. M.	Mechanical	Mechanical	Dr. R. Rajesh	Characterisation of Aluminium Metal Matrix Composites with TiB ₂ Reinforcement by Stir Cast Method
29.	Ajith Raj R.	Aeronautical	A&S T	Dr. M. Dev Anand	Experimental Investigations and Parametric Optimization of Joining Copper and Stainless Steel by Electron Beam Welding for Aerospace Applications
30.	Saju Simon S. G.	BME	Technology	Dr. X. Felix Joseph	Quality Improvement of Dental X-Ray Images using Image Fusion Algorithms
31.	Sindhuja G. Michael	Maths	S&H	Dr. K. Uma Samundesvari	Monophonic Wirelength in Graph Embedding
32.	Jebin R. P.	Physics	S&H	Dr. T. Suthan	Growth and Characterization of Benzaldehyde Derivatives Single Crystals for Optical Applications
33.	Pradeep S.	MS	MS	Dr. B. Chandrachodan Nair	An Analysis of Buying Behavior Towards Financial Products Among IT Professionals at Kerala
34.	Nabisha A.	EEE	EEE	Dr. X. Felix Joseph	Power Quality Enriched Wind Energy System Using Intelligent Controller Based D- STATCOM

35.	Jojo Joy	MS	MS	Dr. M. Sulaipher	Rural Consumer Perception Towards Social Media Marketing in Kerala
36.	Aswathy S.U.	CSE	ICE	Dr. G. Glan Devadhas	An Optimized Approach for Brain Tumor Segmentation using Intelligent Technique
37.	N. Manoj Kumar	MS	MS	Dr. D. Kinslin	Leadership Practices of Sales Managers with Special Reference to New Car Dealers in Kerala
38.	Cincy W.C.	CA	ICE	Dr. J.R. Jeba	Novel Approaches for Enhancing Crowd Sourcing Service
39.	Sindia T.V.	CSE	ICE	Dr. Julia Punitha Malar Dhas	Lightweight Mechanisms for Detecting the DDOS Attacks in the Cloud

M.Phil. Awarded Academic Year 2018-2019

Year	Computer Science	Management Studies	Maths	English	Physics	Chemistry	Bio Technology	HG&MB
2018-2019	08	04	06	08	06	05	-	-

7. Activities of the R & D

Sl. No.	Particulars	Date
1.	A Workshop on Research Methodology for Ph.D. Scholars, organized by the Board of Research, Development and Consultancy, at the Noorul Islam Centre for Higher Education, Kumaracoil, India	From 10.12.2018 to 19-12.2018 & From 27.05.2019 to 04-06-2019
2.	Seminar/ Conferences, etc	-

8. Details of the Fellowships Obtained:

Sl. No	Name	Department	Funding Agency
1.	Dalmiya C.P	ECE	DST-Inspire
2.	Krishna Jyothi R.R	Chemistry	DST-JRF – Inspire
3.	Shanila N	ECE	UGC-Maulana Azad National Fellowship

9. Details of Stipend Provided

Sl. No	Name	Department	Sponsor	Amount of Stipend/Month
1.	Sumaiya Beevi	Computer Science and Engineering	NICHE	Rs. 8,000/-
2.	Ancy Vicky Bah S.	Electronics and Communication Engineering	NICHE	Rs. 8,000/-
3.	Delbio A.	English	NICHE	Rs. 6,000/-
4.	Jeya Gowri K.	English	NICHE	Rs. 6,000/-

5.	Santhiya M. P.	Management Studies	NICHE	Rs. 6,000/-
6.	Lija P.	Management Studies	NICHE	Rs. 6,000/-
7.	Vibala B.V.	Nano Technology	NICHE	Rs. 6,000/-
8.	Renjini M. Nair	Physics	NICHE	Rs. 6,000/-
9.	Ashwin V. D. S.	Aeronautical Engineering	NICHE	Rs. 8,000/-
10.	Wiseling Lazarus L. K.	Computer Applications	NICHE	Rs. 6,000/-
11.	Vijila B.	Chemistry	NICHE	Rs. 6,000/-
12.	Haripriya M. P.	Computer Science	NICHE	Rs. 6,000/-
13.	Salinda Eveline Suniram A.	Computer Science	NICHE	Rs. 6,000/-
14.	Shiny K. V.	Computer Science and Engineering	NICHE	Rs. 8,000/-
15.	G. Mercy Bai	Computer Science and Engineering	NICHE	Rs. 8,000/-
16.	Ninisha Nels S.	Computer Science and Engineering	NICHE	Rs. 8,000/-
17.	Anju A. J.	Computer Science and Engineering	NICHE	Rs. 8,000/-
18.	Maria Regila Baby J.	Maths	NICHE	Rs. 6,000/-
19.	Ahila Jeyanti D.	Maths	NICHE	Rs. 6,000/-
20.	Albert Seldon P.	Mechanical Engineering	NICHE	Rs. 8,000/-
21.	Kishore J. S.	Management Studies	NICHE	Rs. 6,000/-
22.	Danny Solomon	Management Studies	NICHE	Rs. 6,000/-
23.	Allen R.	Management Studies	NICHE	Rs. 6,000/-
24.	Jude Fernandez	Physics	NICHE	Rs. 6,000/-
25.	Vishnu S. Surendran	Physics	NICHE	Rs. 6,000/-
26.	Sasikanth S. M.	Physics	NICHE	Rs. 6,000/-
27.	Abisha Y.	Civil Engineering	NICHE	Rs. 8,000/-
28.	Remya J.	Mathematics	NICHE	Rs. 6,000/-
29.	Rahul N.	Mechanical Engineering	NICHE	Rs. 8,000/-
30.	Berlin Push P.	Mechanical Engineering	NICHE	Rs. 8,000/-
31.	Parvathy Chandran R.	Nano Technology	NICHE	Rs. 6,000/-

10. Ph. D. Scholars Details Admitted during 2018-19

Year	Category	Total Scholars				Discontinued	Department																		
		Male	Female	Eng.	Non Eng.		Mal	Fem	Aer	Aut	CA	BM	Che	Civ	CS	CS	EC	EE	EI	Eng	IT	M	Mech	M	Na
2018	FT	10	10	6	14	-	-	1	-	1	-	1	-	3	4	-	-	-	3		2	1	1		3
	PT	32	37	28	41	2	2	-	2	8	-	-	2	3	5	10	1	-	10	1	1	8	12	1	5
	Total	42	47	34	55	2	2	1	2	9	-	1	2	6	9	10	1	-	13	1	3	9	13	1	8

Jan uary 201 9	F T	2	3	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2	-	1	-	
	P T	1	1	2	12	-	1	-	-	6	-	-	1	1	3	7	2	1	-	1	9	3	-	1
	T o t a l	2	1	2	14	-	1	-	-	6	-	-	2	1	3	7	2	1	-	2	11	3	1	1

11. Details of NET/SET/CSIR and GATE Qualified Students:

Sl.	Name	Department	Year	Exams	Supervisor Name
1.	Manju C. C.	CSE	2017-18	NET	Dr. M. Victor Jose
2.	O. Rakesh	ECE	2018-19	GATE	Dr. T.K. Sreeja
3.	K. Rajini	English	2018-19	SET	Dr. V.S. Bindhu
4.	B. S. Farzana	English	2018-19	NET	Dr. M. Rakesh Babu
5.	P. Preeda	Physics	2018-19	SET	Dr. R. Ganapathi
6.	Nikhil G. Kurup	ECE	January-2019	GATE	Dr. K.S. Vijula
7..	Merlin Revathy S.	ECE	January-2019	GATE	Dr. S. S. Kumar
8.	Amal M. R.	CSE	January-2019	GATE	Dr. R.V. Sivabalan

12. Details of Patents:

Sl. No.	Name & Designation of the Applicant	Title	Reference Number	Remarks
1.	Dr. V. P. Kulkarni, Former Director of Research, NICHE	Artificial Vision Implant Device AVID	201348	Granted
2.	Dr. N. Chandrasekhar, Pro Vice Chancellor, Professor, Department of Mechanical Engineering, NICHE	Sun Tracker Device (STD)	251549	Granted
3.	Dr. A. E. Muthunayagam, Advisor, NICHE	A Process, System and Configuration for Desalinization of Sea Water	196396, (141/MAS/2003)	Granted
4.	Dr. M. Murugan, Associate Professor, BME, NICHE	Smart Food Feeder for Stroke/Coma/Elderly Bedridden Patients	5786/CHE/2015	Granted
5.	Dr. M. Murugan, Associate Professor, BME, NICHE	Hand Finger Operated System for Sound Production of Characters in Languages Useful for Speed	5787/CHE/2015	Granted
6.	Dr. N. Chandrasekhar, Pro Vice Chancellor, Professor, Department of Mechanical Engineering, NICHE	Hydraulic Sun Tracker (HST)	1153/CHE/2005	Published

Sl. No.	Name & Designation of the Applicant	Title	Reference Number	Remarks
7.	Dr. A. E. Muthunayagam, Advisor, NICHE	Integrated Ocean Energy cum Desalination System for Ocean Waters	CHE/3547/2010	Examination
8.	M. S. Faizal Khan, Pro Chancellor, NICHE	NIUSAT; A Nano Satellite	E-2/3329/2017-CHE	Examination
9.	Dr. R. C. Mehta, Department of Aeronautical Engineering, NICHE	Image Processing Algorithm for Fringe Analysis in Photo-elasticity	E-2/3332/2017-CHE	Examination
10.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Drill Jig for Spherical Objects	E-2/3327/2017-CHE	Examination
11.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Application of an Integrated RE/RP/CAD/CAM/ System for 3D Printing Process Materials for Robot ARM	E-2/3328/2017-CHE	Examination
12.	Mr. Rohith I. J, Assistant Professor, Department of Aeronautical Engineering, NICHE	Aircraft Winglet Modification to Reduce Vertical Stabilizer Length	E-2/3330/2017-CHE	Examination
13.	Mr. Rohith I. J, Assistant Professor, Department of Aeronautical Engineering, NICHE	Drag Reduction in Aircraft Wing by Inducing Surface Roughness	E-2/3331/2017-CHE	Examination
14.	Dr. A. Shajin Nargunam, Professor, CSE, NICHE	Satellite Based Wireless Sensor Networks for Environmental Monitoring Applications	5612/CHE/2015	Examination
15.	Dr. A. Shajin Nargunam, Professor, CSE, NICHE	Cloud Based Hybrid Processor Pool Architecture for Sustaining Green Computing	5613/CHE/2015	Examination
16.	Dr. A. Shajin Nargunam, Professor, CSE, NICHE	Mobile Assisted Automated Disaster Support System	5780/CHE/2015	Examination
17.	Dr. Shajin Nargunam, Professor,	Trusted Computing Based Security	5779/CHE/2015	Examination

Sl. No.	Name & Designation of the Applicant	Title	Reference Number	Remarks
	Department of CSE, NICHE	Architecture for Mobile Cloud Computing		
18.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Abrasive, Magnetic Field and Ultrasonic Vibration Assisted Micro - AMP for Electro Chemical Machining	5610/CHE/2015	Examination
19.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Development Radiotherapy Gadget – Beam Direction	5608/CHE/2015	Examination
20.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Innovative Gasifier Design	5606/CHE/2015	Examination
21.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Modular Reconfiguration Safety Robot	5599/CHE/2015	Examination
22.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Development Radiotherapy Gadget – Contour Plotter	5591/CHE/2015	Examination
23.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Hybrid Wind Solar Domestic Power Supply System	5593/CHE/2015	Examination
24.	Dr. M. Dev Anand, Professor, Department of Mechanical Engineering, NICHE	Development Radiotherapy Gadget- Styrofoam Cutter	5607/CHE/2015	Examination
25.	Mr. Dharan, Final Year B.E Mechanical Engineering, NICHE	Next Generation Power Plant	4292/CHE/2014	Examination
26.	Dr. K.A. Janardhanan, Professor, Department of Management Studies, NICHE	Innovative SCM Model for Agro Products	5595/CHE/2015	Filing

Sl. No.	Name & Designation of the Applicant	Title	Reference Number	Remarks
27.	Dr. L. Padma Suresh, Professor, EEE, NICHE	Bacterial Foraging Based Tuned PI Controller for Buck - Boost Converter	5594/CHE/2015	Filing
28.	Dr. I. Jacob Raglend, Professor, EEE, NICHE	Design of an X-Band Antenna Model for Radar Applications	5592/CHE/2015	Filing
29.	Dr. L. Padma Suresh, Professor, EEE, NICHE	Linear Quadratic Regulator and Sliding Mode Control to Control Pitch, Roll and Yaw of Air	5604/CHE/2015	Filing
30.	Dr. S. Gopalakrishnan , Assistant Professor, Department of Nano Technology & Dr. R. Ganapathi Raman, Assistant Professor of Physics, NICHE	Enhancement of Graphene Oxide Photoluminescence BY Novel Bi-Layered Structure	5508/CHE/2015	Filing
31.	Mrs. Mohamed Sirajul Muneera, Assistant Professor Department of Chemistry, NICHE	Electro Fluorescent Properties of Copper Complex of Pyrazoline Derivatives	5783/CHE/2015	Filing
32.	Dr. R. S. Shaji, Professor, Department of IT, NICHE	Robust Defense Mechanism for Securing Cyber Physical System Components in Cyber Warfare	5781/CHE/2015	Filing
33.	Mrs. T.M. Sharmila, Assistant Professor Department of Chemistry, NICHE	Elective Fluorescent Property of Indole Substituted Pyrazoline Derivative	5804/CHE/2015	Filing
34.	Dr. R.S Shaji, Professor, Department of IT, NICHE	An Optimized Image Forgery Detection Technique for Cyber Forensic Application	5782/CHE/2015	Filing
35.	Dr. M. Sivapragash, Professor, Department of Mechanical Engineering, NICHE	Development Characterization of AZ31B/5SIC Magnesium Composite	5616/CHE/2015	Filing
36.	Dr. J. Dheeba, Associate Professor, Department of CSE, NICHE	Intelligent Expert System for Breast Cancer Diagnosis Based on Wavelet Neural Network	5611/CHE/2015	Filing

Sl. No.	Name & Designation of the Applicant	Title	Reference Number	Remarks
37.	Dr. L. Padma Suresh, Professor, EEE, NICHE	Novel Random Frequency Inverted Sine Carrier PWM for Three Phase Voltage Source Inverter	5598/CHE/2015	Filing
38.	Dr. I. Jacob Raglend, Professor, EEE, NICHE	Conical Rotor Induction Generator for Enhanced Wind Power Performance	5597/CHE/2015	Filing
39.	Dr. M. Sivapragash, Professor, Department of Mechanical Engineering, NICHE	Development and Characterization of Micro and Nano Powder Bamboo Fiber Reinforced Polymer Composites	5596/CHE/2015	Filing
40.	Dr. K.A. Janardhanan, Professor, Department of Management Studies, NICHE	A Model of Duel Investors Decision Making and Its Impact on Stock Indices Movement.	E-2/3325/2017-CHE	Filing
41.	Dr. K. A. Janardhanan, Professor, Department of Management Studies, NICHE	Investors Behaviour and Perceptions Towards Stock Market: Structural Equation Modeling Approach	E-2/3326/2017-CHE	Filing
42.	Dr. G. Ramadas Deputy Librarian, NICHE	Manless Smart Library Management System Using AGVS and Robot	E-2/2943/2018 - CHE	Filing
43.	Prof. J.P. Jayan Assistant Professor and HOD, Department of Software Engineering, NICHE	Vehicle Information Sharing System Using Artificial Intelligence	E-2/2445/2018 - CHE	Filing

13. List of Ongoing Project

Funded Research Projects							
Sl. No.	Academic Year	Name of Faculty (Principal Investigator)	Name of the Funding Agency	Title of the Project	Sanctioned Order No.	Sanctioned Date	Total Amount Sanctioned
1.	2018-19	Head/NT	DST / FISTAB	Funds for Infrastructure to Augmented Research Activities in the Department	SR/FST/ET-1/2017/87	27.08.2018	Rs. 80,00,000/-

14. Research Papers Publication in the SCI-SCIe/ SCOPUS / and UGC approved Journals Data Base in Year 2017 -18

(a) SCI-SCIe

Sl. No	Title	Author(s)	Journal	Inspect Teacher
Annexure SCI a & b				

(b) SCOPUS

Sl. No	Title	Author(s)	Journal	Inspect Teacher
Annexure SCOPUS a & b				

(c) Books

Sl. No.	Name of The Teacher(s)	Department	Title	Publishers	Year	ISBN
1.	Rakhab C. Mehta and G. Natarajan	Aeronautical Engineering	Numerical Investigation of Supersonic Exhaust Diffuser	Lambert Academic Publishing, Germany	2018	13: 978-613-5-83670-7

(d) Book Chapters

Sl. No.	Name of The Teacher(s)	Chapter Title	Publishers	Year	Version	Pages	DoI	Country
1.	R. C. Mehta Konstantin Valkov	Heat Transfer Analysis Without and With Forward Facing Spike Attached to a Blunt Body at High Speed	INTECH Open	2018	Open Access Peer-Reviewed Chapter 9	175 - 198	DOI: 10.5772/intechopen.74522	Croatia
2.	R. C. Mehta Gluseppe Pizzella of Hypersonic Vehicle	Numerical Simulation of Base Pressure and Drag of a Space Reentry Capsules at High Speed	INTECH Open	2019	Open Access Peer-Reviewed Chapter - Online First	1-21	DOI: http://dx.doi.org/10.5772/intechopen.83651	Croatia

15. Consultancy:

Sl. No.	Name of the Department	Sponsoring Agency	Nature of Work	Amount in Rs.
1.	Biomedical Engineering	Rathna Memorial Hospital, Swamiarmadam, Kanyakumari District.	Consultancy Services	Rs. 1,20,000/-
		Vijaya Hospital, Thuckalay, Kanyakumari District.	Consultancy Services	Rs. 60,000/-
		NIMS Medicity, Neyyattinkara, Thiruvananthapuram.	Consultancy Services	Rs. 19,500/-

2.	Civil Engineering	The Kanyakumari District Central Co-operative Bank, Nagercoil	Soil Test	Rs. 5,000/-
		Anna University Regional Campus, Tirunelveli.	Testing Samples	Rs. 500/-
		NIMS Medicity, Neyyattinkara, Thiruvananthapuram.	Training Maintenance Staff	Rs. 19,750/-
3.	Physics	Biomeitez, Nagercoil.	Laboratory & Consultancy Services	Rs. 15,600/-
		Department of Physics, Emmanuel College, Vazhichal, Kanyakumari District.	Sample Preparation	Rs. 6,000/-
4.	EIE	ARK Automation, Chennai.	Product Development & Coding	Rs. 10,000/-
		ARK Automation, Chennai.	Machine Vision System	Rs. 10,000/-
5.	ECE	Networkz Systems, Chennai.	Training Their Students during Weekend on Theoretical Concepts of Networking	Rs. 10,000/-
6.	Automobile Engineering	St. John's Plast World, Chennai.	Consultancy Services	Rs. 15,747/-
7.	Mechanical Engineering	Jene Engineering Equipments, Marthandam, Kanyakumari District.	Servicing Pneumatic Comparator & Mounting Press	Rs. 12,000/-
		L.S. Motor Commercial Vehicles, Karungal, Kanyakumari District.	Effective utilization of Resources & Training Staff on Safety	Rs. 10,000/-
8.	CSE	NIMS Medicity, Neyyattinkara, Thiruvananthapuram.	Training on Computer Education to the Students of Noorul Islam Civil Service Academy	Rs. 21,400/-
9.	Chemistry	Puthalam Chemicals Private Limited, Puthalam, Nagercoil, Kanyakumari District	Salt Analysis	Rs. 23,000/-
10.	EEE	ANTOBEL Services Private Limited	IoT Based Home Automation System	Rs. 65,000/-

11.	MBA	NIMS Medicity, Neyyattinkara, Thiruvananthapuram.	Training for Employees	Rs. 19,800/-
		Noorul Islam Industrial Institute, Neyyantrinkara, Thiruvananthapuram.	Personality Development	Rs. 20,000/-
12.	Nano Technology	Industry & Academia(Bharathidasan University, St. Xaviers College, J J College of Arts and Science, Holycross College, Scott Christian College)	Testing & Analysis, Synthesis of Nano Material	Rs. 30,200/-
		Industry & Academia(Bethlehem Institute of Engineering, University of Kerala, CMST, M.S. University)	Testing & Analysis, Synthesis of Nano maTerial	Rs. 1,00,570/-
		Industry & Academia(Nanjil Catholic College, Cape Institute of Technology, Kamaraj College of Engineering)	Testing & Analysis, Synthesis of Nano Material	Rs. 1,25,220/-
		Industry & Academia(AlagappaUniversity,MS University, Nesamoni Memorial College, Stella Marys College)	Testing & Analysis, Synthesis of Nano Material	Rs. 1,03,025/-
		Industry & Academia(NICAS, SadakathullaAppa College, St. Johns College, VOC College)	Testing & Analysis, Synthesis of Nano Material	Rs. 54,245/-
		Industry & Academia(Inbiotics, CMST, WCC, Govt. College for Women, TVPM, Lekshmipuram College of Arts and Science, SreeMookambika Institute of Dental Sciences)	Testing & Analysis, Synthesis of Nano Material	Rs. 1,51,525/-
		Industry & Academia(Xcellogen Biotech, NICAS, University College of Engineering, TVPM, VV College of Engineering)	Testing & Analysis, Synthesis of Nano Material	Rs. 66,700/-
		Industry & Academia(Sree Buddha College of Engineering, Lekshmipuram College of Arts and Sciences, CMST, ST Hindu College)	Testing & Analysis, Synthesis of Nano Material	Rs. 1,26,875/-

16. Research Incentive for SCOPUS/SCI Publications

Sl. No.	Name of the Staff	Designation	Department	Total
1.	Dr. Jeyakumar M.K	Professor	Computer Applications	Rs. 1,200/-
2.	Dr. Santhi N	Associate Professor	Electronics and Communication Engineering	Rs. 1,200 /-
3.	Dr. Ramasamy N	Associate Professor	Mechanical Engineering	Rs. 600/-
4.	Dr. R.R. Neela Rajan	Assistant Professor	Mechanical Engineering	Rs. 1,300 /-

5.	Dr. Nalanth N	Professor	Civil Engineering	Rs. 700/-
6.	Shalini J	Assistant Professor	Civil Engineering	Rs. 1,000/-
7.	Venifa Mini G	Assistant Professor	Computer Science and Engineering	Rs. 500/-
8.	Dr. Flower Queen M. B.	Assistant Professor	Electrical and Electronics Engineering	Rs. 600/-
9.	Dr. Arul Linsely J	Assistant Professor	Electrical and Electronics Engineering	Rs. 200/-
10.	Dr. Ramachandran S.	Professor	Mathematics	Rs. 1,500/-
11.	Dr. J. Edwin Raja Dhas	Professor	Automobile Engineering	Rs. 2,700/-
12.	Dr. A.C. Subhajini	Assistant Professor	Computer Applications	Rs. 1,500/-
13.	Benita J	Assistant Professor	Electronics and Communication Engineering	Rs. 500/-
14.	Dr. R.C. Mehta	Professor	Aeronautical Engineering	Rs. 900/-
15.	Aniber Benin M	Assistant Professor	Mechanical Engineering	Rs. 500/-
16.	Dr. B. Stanly Jones Retnam	Associate Professor	Automobile Engineering	Rs. 900/-
17.	Dr. M. Edwin Sahayaraj	Associate Professor	Automobile Engineering	Rs. 600/-
18.	Dr. Remil Isaac R	Assistant Professor	Nano Technology	Rs. 200/-
19.	Dr. Uma Samundesvari	Assistant Professor	Mathematics	Rs. 1,100/-
20.	R. Roselin	Assistant Professor	Civil Engineering	Rs. 1,000/-
21.	J. Prakash Arul Jose	Associate Professor	Civil Engineering	Rs. 500/-
22.	Selvan Nambi S.	Assistant Professor	Mechanical Engineering	Rs. 1,000/-
23.	Dr. Joselin Herbert G. M.	Professor	Mechanical Engineering	Rs. 800/-
24.	Dr. Brindha T	Assistant Professor	Information Technology	Rs. 1,000/-
25.	Dr. S. Vinila Jinny	Assistant Professor	Computer Science and Engineering	Rs. 300/-
26.	Dr. J.E. Judith	Assistant Professor	Computer Science and Engineering	Rs. 300/-
27.	Dr. Pradeep P	Assistant Professor	Automobile Engineering	Rs. 300/-
28.	Dr. K.S. Vijula Grace	Associate Professor	Electronics and Communication Engineering	Rs. 600/-
29.	Dr. R. Kalaiselvi	Associate Professor	Computer Science and Engineering	Rs. 600/-

30.	Dr. R.S. Ganesh	Associate Professor	Electronics and Communication Engineering	Rs. 300/-
31.	Ajith Raj R	Assistant Professor	Aeronautical Engineering	Rs. 2,500/-
32.	Dr. M. Dev Anand	Professor	Mechanical Engineering	Rs. 3,300/-
33.	Dr. Ramadhas G.	Liberian	Library	Rs. 500/-
34.	Dr. S. S. Kumar	Associate Professor	Electronics and Instrumentation Engineering	Rs. 2,000/-
35.	Dr. J. R. Jeba	Associate Professor	Computer Applications	Rs. 600/-
36.	Dr. S. Balamurugan	Associate Professor	Nano Technology	Rs. 500/-
37.	Darwins A. K.	Assistant Professor	Automobile Engineering	Rs. 1,500/-
38.	Dr. Maria Celestin Vigila S.	Associate Professor	Information Technology	Rs. 1,500/-
39.	Dr. B.P. Sarasija	Professor	Civil Engineering	Rs. 300/-
40.	Sagi Rani C.	Assistant Professor	Physics	Rs. 500/-
41.	Dr. T.M. Selvarajan	Assistant Professor	Mathematics	Rs. 1,000/-
42.	Dr. S.V. Divya	Assistant Professor	Information Technology	Rs. 500/-
43.	Dr. P. Venkadesh	Assistant Professor	Computer Science and Engineering	Rs. 200/-
44.	Ranjith V.G.	Assistant Professor	Software Engineering	Rs. 500/-
45.	Dr. Palani Kumar.S	Associate Professor	Information Technology	Rs. 400/-
46.	Dr. R. Suji Pramila	Assistant Professor	Computer Science and Engineering	Rs. 1,200/-
47.	Dr M. Ilankumaran	Professor	English	Rs. 3,900/-
48.	Deepa P	Assistant Professor	English	Rs. 300/-
49.	Dr. Ganapathy Raman R	Assistant Professor	Physics	Rs. 500/-
50.	Dr. A. Shajin Nargunam	Professor	Computer Science and Engineering	Rs. 1,200/-
51.	Dr. T.K. Sreeja	Assistant Professor	Electronics and Communication Engineering	Rs. 500/-
52.	Dr. R.S. Vinod Kumar	Associate Professor	Electronics and Communication Engineering	Rs. 900/-
53.	Dr. Gopalakrishnan T	Assistant Professor	Electronics and Communication Engineering	Rs. 500/-
54.	Dr. K.S. Jai Aultrin	Assistant Professor	Mechanical Engineering	Rs. 700/-

55.	Muthu Sherin S.	Assistant Professor	Marine Engineering	Rs. 200/-
56.	Samuel Blessed Nayagam P.V.	Assistant Professor	Software Engineering	Rs. 1,500/-
57.	Heaven Rose R.I	Assistant Professor	Software Engineering	Rs. 500/-
58.	S. Beulah	Assistant Professor	Software Engineering	Rs. 1,000/-
59.	Dr. N. Chandrashekhar	Professor	Mechanical Engineering	Rs. 300/-
60.	Jerold Jose P.	Assistant Professor	Mechanical Engineering	Rs. 500/-
61.	Dr. Murugan T	Assistant Professor	Bio-Medical Engineering	Rs. 500/-
62.	Dr. Murugan M	Associate Professor	Electrical and Electronics Engineering	Rs. 500/-
63.	Sugirtha Suni N.Y.	Assistant Professor	Physics	Rs. 500/-
64.	Dr. R. Ratna Nadar	Professor	Computer Applications	Rs. 300/-
65.	Dr. D. Mary Synthia Regis Prabha	Associate Professor	Electrical and Electronics Engineering	Rs. 1,500/-
66.	Dr. B. Bavanish	Associate Professor	Mechanical Engineering	Rs. 300/-
67.	Dr. B. Bindhu	Associate Professor	Physics	Rs. 800/-
68.	Dr. M. Sulaipher	Assistant Professor	Management Studies	Rs. 300/-
69.	Dr. V.P. Velmurugan	Assistant Professor	Management Studies	Rs. 600/-
70.	Dr. S. Amala Shanthy	Associate Professor	Electronics and Communication Engineering	Rs. 300/-
71.	Dr. John Leon S	Associate Professor	Mechanical Engineering	Rs. 1,000/-
72.	Dr. A. Anitha	Assistant Professor	Computer Science and Engineering	Rs. 200/-
				Total : Rs. 60,700/-

17. Research Projects Submitted for Various Schemes

Project Proposals Submitted to Various Funding Agencies during the Year 2018-19
Department of Science and Technology
CHORD (NSTMIS) Scheme

Sl. No.	Name of Principal Investigator	Title of Proposal	Department	Year	Subject Area	Amount (Rs.)
1.	Dr. V.R. Mohan	Mapping Ethno-medicinal Plants: A GIS Application for Sharing of	Biomedical Science and Technology	March 2019	Bio Technology	Rs. 48,77,389/-

		Traditional/Indigenous Knowledge in Agasthiarmalai Biosphere Reserve, Southern Western Ghats, TamilNadu				
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**Department of Space
ISRO RESPOND Scheme**

Sl. No.	Name of Principal Investigator	Title of Proposal	Department	Year	Subject Area	Amount (Rs.)
1.	Dr. R.C. Mehta & Dr. G. Natarajan	Numerical Simulation of Shock Wave Induced Flow Separation in a Highly Expanded Rocket Nozzle	Aeronautical Engineering	April 2019	Propulsion Engineering	Rs. 2, 40, 000/-
2.	Dr. R.C. Mehta & Dr. G. Natarajan	Numerical Simulation and Optimization of Re-Entry Capsule	Aeronautical Engineering	April 2019	Propulsion Engineering	Rs. 12, 00, 000/-

**TamilNadu State Council for Science and Technology
Science and Technology Project Scheme- 2019**

Sl. No.	Name of Principal Investigator	Title of Proposal	Subject Area	Amount (Rs.)
1.	Dr. M. Murugan	Conservation of Ichthyofaunal Diversity and Database Creation for the Perennial River Tamirabarani	Engineering Sciences	Rs. 4,70,000/-
2.	Dr. R. S. Vinod Kumar	Computer Aided Skin Cancer Detection System	Engineering Sciences	Rs. 4,86,000/-
3.	Dr. N. Shanthi	Classification and Change Detection of Remote Sensing Images in Deep Learning Platform	Engineering Sciences	Rs. 4,00,000/-
4.	Dr. R. S. Ganesh	A Novel Cluster Based Energy Efficient Cooperative Spectrum Sensing in Cognitive Radio Networks	Engineering Sciences	Rs. 5,00,000/-
5.	Dr. P. K. Praseetha	Microwave Assisted One Step Green Synthesis of Carbon Quantum Dots for Wound Healing Applications	Engineering Sciences	Rs. 4,51,000/-
6.	Dr. V. R. Mohan	Nutraceutical Potential of Wild Edible Fruits Consumed by Kanikker and Palliyar Tribes of	Biological Sciences	Rs. 5,00,000/-

		Southern Western Ghats, Tamilnadu		
7.	Dr. J. Joseph	Improved Therapeutic Efficiency of Water Soluble Copper Complexes for Anti-cancer Treatment: Synthesis, Structural Characterization and Pharmacological Studies	Physical Sciences	Rs. 4,70,000/-
8.	Dr. M. Ilankumaran	Enabling Rural Students of Kanyakumari District to Attain Communicative Competence by Enriching the Primary School Teachers with Strategies	Social Sciences	Rs. 5,00,000/-
9.	Dr. B. Bindhu	Electronic Tuning Of 2D Boron Nitride Through Surface Functionalization For Bioluminescence Imaging	Physical Sciences	Rs. 4,70,000/-
10.	Dr. V. N. Meena Devi	Sequestration of Heavy Metal Zn(II) Onto Solid Waste Residue From the Non-Edible Oil Bio-diesel Feedstock-Calophyllum Innophyllum Linn	Physical Sciences	Rs. 4,95,000/-
11.	Dr. S. Maria Celestin Vijila	Genic Disorder Identification and Protein Analysis Using Soft Computing Approach	Engineering Sciences	Rs. 3,60,000/-
12.	Dr. R. S. Vinod Kumar	Development of Computer Aided WEBCOM Equipped Liver Cancer Detection System	Engineering Sciences	Rs. 4,96,000/-
13.	Dr. T. Murugan	Screening of Halophilic Bacterial Metabolites for Their Aptitude in Growth Inhibition of Carbapenem Resistant Bacterial Pathogens	Engineering Sciences	Rs. 4,60,000/-
14.	Dr. N. Abilash	Failure Minimization of Fishing Boat Structures Using FRP Composites	Engineering sciences	Rs. 5,00,000/-
15.	Dr. M. K. Jeyakumar	Television Visual Effect Protection Through Extended Object Detection Sensing	Engineering Sciences	Rs. 4,70,000/-
16.	Dr. S. Palanikumar	Coconut Harvesting Robot	Engineering Sciences	Rs. 3,75,000/-
17.	Dr. R. Rajesh	Manufacturing Component Using 3D Printing Machine Assisted with Scanner	Engineering Sciences	Rs. 4,70,000/-

**Department of Science and Technology
SERB-Core Research Grants Scheme**

Sl. No.	Name of Principal Investigator	Title of Proposal	Department	Year	Subject Area	Amount (Rs.)
1.	Dr. V. R. Mohan	Investigation on Mapping, Genetic Diversity and Conservation of certain Underexploited Legumes, Southern Western Ghats, Tamil Nadu	Bio-Medical Sciences and Technology	June 2019	Bio-Technology	Rs. 44,09,900 /-
2.	Dr. R. Chitra	Development of CAD System for Heart Attack Prediction in Indians From Cloud Healthcare Data Using Intelligent and Big Data Analytical Tools	CSE	June 2019	Data Mining	Rs. 45,72,680/-
3.	Dr. M. Dev Anand and Prof. K.Eqbert	Heat Transfer Studies on Vaporisation of working Fluid by Water Vapour Used for Integrated Desalination System	Mechanical Engineering	June 2019	Integrated Desalination System	Rs. 45, 90, 000/-
4.	Dr. B. Bindhu	Dispersion and Confinement of Boron Nitride Nano-sheets in Biopolymer Blend	Physics	June 2019	Bio-Polymer	Rs. 34,28,000/-
5.	Dr. Praseedha P. K.	Fabrication of a Medicinal Path for Wound Healing and Control of Microbial Infections with Green Synthesized Self Fluorescing Carbon Quantum Dots	Nano-Technology	June 2019	Health Science	Rs. 31,57,472/-

University Grant Commission

Scheme for Trans-disciplinary Research for India`s Developing Economy (STRIDE)

Sl. No.	Name of Principal Investigator	Title of Proposal	Department	Year	Amount (Rs.)
1.	Dr. K. A. Janardhanaan	Digital Pedagogy for the Physically Challenged-	HRM	September 2019	Rs. 26, 22, 000/-

		Transgender: a Multi phased Mixed Method Research Approach with Clinical Intervention			
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18. Research Collaborations/ MoU/ Recognitions/Awards

(a) *At present we have collaboration agreements with the following Industries.*

1. Nihongo Sochi, Pune
2. IBM India (P) Ltd, Bangalore
3. ICT Academy of Tamilnadu
4. AISER Workforce Development Company, Chennai
5. Technical Development & Manufacturing Company, Trivandrum
6. Bulhead Aerodesign, Cochin
7. i-Nurture Education Solution Pvt. Ltd., Bangalore
8. APM Wind Energy Plantation Pvt. Ltd., Muppandal
9. Yokogawa India Limited, Bangalore
10. CANEUS, Italy
11. Data Patterns, Chennai
12. Dhruva Space, Bangalore
13. ISRO, Trivananthapuram
14. Renewal of Infosys Technologies Limited, Bangalore
15. ADROIT CAD Solution Pvt. Ltd. Chennai
16. Future Eco- Friendly Technologies (India) Pvt. Ltd.
17. Springer (India) Pvt. Ltd.
18. Vi Microsystems Pvt. Ltd., Chennai
19. Space Application Centre, India Space Research Organization, Ahmedabad
20. Infosys Technologies Ltd., Bangalore
21. Aiser Employability Solutions, Chennai
22. Bulkhead Aero design, Idukki
23. Wide Angel, Sivakasi
24. Alpha Mary Educational Trust , Thiruvananthapuram
25. Lines and Circles Educational Institutions (P) Ltd., Thiruvananthapuram
26. KLMEE, Kota
27. Department of Biomedical Engineering, NIMS medicity, Aralumoodu, Neyyattinkara, Thiruvananthapuram
28. Department of Radiology NIMS Medicity, Aralumoodu, Neyyattinkara, Thiruvananthapuram
29. Alagappa University, Karaikudi
30. The National University, Khartoum, Sudan
31. AMET Deemed to be University, Chennai
32. Rajas Dental College & Hospital
33. M/S Casablanka Shipping Pvt. Ltd., Mumbai 400 053
34. Indian Technology Congress Association (ITCA), Bengaluru

(b) *At present we have MoUs Signed with the following Intuitions.*

1. Liverpool John Moores University, United Kingdom
2. Providence University, Taiwan
3. University Teknologi MARA, Malaysia
4. University of Medicine and Dentistry of New Jersey, United states of America
5. Vistula University, Warsaw, Poland

6. Doctors Academy, United Kingdom
7. Indo-European Centre, Vistula University
8. Department of Physical & Life Science, AVVM Sri Pushpam College (Autonomous) Poondi, Thanjavur District and Department of Nano Technology, NICHE
9. National Institute of Advanced Industrial Science and Technology, Japan
10. Indo- European Education Foundation (IEEF), Poland
11. Sunway University, Malaysia
12. DMI St. John the Baptist University, Malawi, Central Africa

(c) **Recognitions**

Sl. No.	Name of the Body	Details	Date
1.	DSIR-SIRO	Department of Scientific and Industrial Research under the Scheme on Recognition of Scientific and Industrial research Organizations (SIROs) 1988	From Upto 01.04.2018 upto 31.03.2021

(d) **Awards**

Sl. No.	Name of the Faculty Member/ Department	Award Details	Name of the Agency (Year)
1.	Dr. N, Santhi Associate Professor, Department of ECE	Best Researcher in Satellite Image Processing	Rula Awards-Research Ratna Award of the Year 2019

19. Research Seed Money Grants

Sl. No.	Name	Designation	Department	Amount in Rs.
1.	Dr. Rajesh R.	Professor and Head	Mechanical	25,000/-
2.	Dr. P.K. Praseetha	Professor and Head	Nano Technology	25,000/-
3.	Dr. Ganapathi Raman	Assistant Professor	Physics	25,000/-

20. RESEARCH AND DEVELOPMENT ESTIMATED BUDGET 2018– 2019
RESEARCH AND DEVELOPMENT ESTIMATED BUDGET 2018 – 2019

Research Projects & Stipend:

Particulars	During the Year 2018-19 (in
Research Projects (Seed Money)	Rs. 1,00,000/-
Full Time Scholar Stipend	Rs. 18,72,000/-

Infrastructure & Development Utility:

Particulars	During the Year 2018-19 (in
Centre for Advanced Material in Engineering and	Rs. 1,00,000/
Centre for Networking	Rs. 1,00,000/
Centre for Power and Energy	Rs. 1,00,000/

Centre for Communication Systems	Rs. 1,00,000/-
Centre for Advanced Computing	Rs. 1,00,000/-
Centre for Biological Sciences	Rs. 1,00,000/-
Centre for Nano Satellite	Rs. 1,00,000/-
Centre for Interdisciplinary Studies in Engineering, Plagiarism Cross Checker Software	Rs. 1,00,000/-

Stationary:

Particulars	During the Year 2018-19 (in Lakhs)
A4 Paper, CD, DVD, Cover, File, Cello Tape, Stapler Pin, Revenue Stamp, Printer Cartridge and Etc.	Rs. 0.36/-

DC Meeting & Other:

Particulars	During the Year 2018-19 (in Lakhs)
DC Meetings (July & January)	Rs. 24.55/-
Research Forum	Rs. 0.24/-

Achievements & Awards:

Particulars	During the Year 2018-19 (in Lakhs)
Incentives	R.s. 1.50/-

Books and Periodicals:

Particulars	During the Year 2018-19 (in Lakhs)
e-Journals IEEE, Science Direct, Emerald	Rs. 30,00,000/-

Programmes/ Seminar/ Symposium Etc.. Proposed:

Particulars	During the Year 2018-19 (in Lakhs)
Research Methodology Workshop (December Session)	Rs. 1,00,000/-
Research Methodology Workshop (July Session)	Rs. 1,00,000/-

Miscellaneous:

Particulars	During the Year 2018-19 (in Lakhs)
Hospitality	Rs. 0.25/-
Refreshment	Rs. 0.18/-

21. Research Centres

In order to promote inter disciplinary research; the NICHE has established the following Research Centres that receive financial support from the University and from external sources. The University has established EIGHT research centres in order to meet the challenges and to develop interdisciplinary research.

- Centre for Advanced Material Science & Technology
- Centre for Networking
- Centre for Power & Energy
- Centre for Communication Systems

- Centre for Advanced Computing
- Centre for Biological Sciences
- Centre for Satellite Technology
- Centre for Interdisciplinary Studies in Engineering, Technology and Management

Activities of each Centre are available in the separate NICHE R&D files.

22. *R&D Extension Activities*

- The NICHE's ultimate aim is to transform the lives of the people and serve the society/humanity in a better way. The NICHE is committed to achieve this objective by way of various schemes and programmes conducted by different Departments/Offices/Centres/Units.
- The NICHE has promoted the engagement of faculty, students and staff with neighborhood community for their holistic and sustained development through various activities.
- The following activities were conducted to achieve the objectives:
- The Center for Advanced Studies conducted visits to nearby villages to interact with villagers including functionaries of Panchayats. During demonetization, University students trained the villagers regarding cashless transactions and disseminated information about various government programmes.
- In order to maintain cleanliness in and around the Campus and to create awareness about the role of clean environment in human health, voluntary activities were organized by students under the National Swachh Bharat Abhiyan.
- Various programmes like Blood Donation Camps, Health Checkup Camps, Eye Check Up Camps, Awareness among masses for prevention from HIV/AIDS, Dental Checkup Camps were organized to sensitize people on health issues.
- Promotion of the social welfare schemes of the Government like Swachh Bharat Abhyan, Run for Unity, Go Green Day, was carried out under outreach programmes of the NICHE.
- Awareness programme regarding Human Rights, Traffic Rules, Digital India, Women Empowerment, Tree Plantation, Youth Leadership Camps, etc were organized through NSS.
- Farmers Training on sustainable agricultural practices.
- Workshops on gender sensitization and women safety were organized regularly by the committee to check sexual harassment and violence against women.

LEARNING RESOURCE CENTRE (LIBRARY)

Name : LRC - LIBRARY
Librarian's Name : Dr.S.Lawyed Stephen
Phone No : 04651-251336, 9442302772
E-mail/ Website : library@niuniv.com

1. Resources Available :

1. Building	: 1654.7 sq.m
2. No. of Volumes	80503
3. No. of Titles	47094
4. Reference Books	2038
5. News Papers	12
6. Journals	183
7. Theses	185
8. Online Journals	180
9. E Books	657
10. Back Volumes	2909
11. CDs/ DVDs	1695
12. Book Bank	939
13. Additions Made during 18-19	2327
14. Online Data Bases	: Nil

2. Staff Details :

1. Assistant Librarians	01
2. Assistants	05
3. Helpers	02

3. LRC LIBRARY USAGE DATA

1. No. of Members issued per day	: 150 to 175
2. Average No. of Visits per day	: 562 to 750

3. Usage of

IEEE	EBSCO	EMERALD	DELNET	INFLIBNET	NDL	NIMBUS
Available		Available	Member	Member	Member	

4. Average number of borrowers per day : 316

5. Resource sharing with other Universities: Yes, Through DELNET we are providing Inter library loan to other Universities and Institutions.

6. Digitisation efforts made during 2018-19

7. Membership details in National Digital Library (NDL)

S.No		Male	Female	Total
1	No. of Faculty Members	132	176	308
2	No. of Students Members	512	217	729
3	No. of Administrative/ Technical Staff	12	34	46

