



## **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



## **ANNUAL REPORT 2017-2018**

## **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.

## INDEX

Sl.No.	Particulars	Page No.
1.	Introduction	3 - 9
2.	Authorities of NICHE	10
3.	Academic Council	11 - 14
4.	Finance Committee	15
5.	Planning & Monitoring Board	15
6.	Board of Research, Development & Consultancy (BRDC)	17
7.	Board of studies	18 - 31
8.	Officers of NICHE	32
9.	Deans of Faculties	33
10.	Departments	34
11.	Department of Aeronautical Engineering	35 - 42
12.	Department of Aerospace Engineering	43 - 50
13.	Department of Automobile Engineering	51 - 59
14.	Department of Aircraft Maintenance	60 - 64
15.	Department of Biomedical Sciences & Technology	65 - 72
16.	Department of Civil Engineering	73 - 80
17.	Department of Computer Science & Engineering	81 - 88
18.	Department of Chemistry	89 - 94
19.	Department of Electrical & Electronics Engineering	95 - 102
20.	Department of Electronics & Communication Engineering	103 - 109
21.	Department of Electronics & Instrumentation Engineering	110 - 117
22.	Department of English	118 - 130
23.	Fire Technology & Safety Engineering	131 - 137
24.	Department of Information Technology	138 - 151
25.	Department of Mathematics	152 - 159
26.	Faculty of Management Studies	160 - 168
27.	Department of Computer Applications	169 - 176
28.	Department of Mechanical Engineering	177 - 196
29.	Department of Nanotechnology	197 - 203
30.	Department of Physics	204 - 212
31.	Department of Software Engineering	213 - 219
32.	Department of Marine Engineering	220 - 227
33.	Research and Development Centre	228 - 252
34.	Controller of Examinations	253 - 264
35.	Library	265 - 266
36.	Department of Physical Education	267 - 270
37.	Placement & Training	271 - 276

## 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 recognised Mechanical, EEE, Management and Mathematics departments as Research Centres.

On 8<sup>th</sup> December 2008 NICHE was declared as a Deemed to be University by MHRD, Government of India. NICHE achieved the feat of obtaining „A“ Grade NAAC assessment with a CGPA of 3.06 in 2015. In 2016 National Institutional Ranking Framework (NIRF) has awarded 75<sup>th</sup> rank in the University stream and 66<sup>th</sup> rank category 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 in 2010. NICHE is an ISO9001:2000 certified Institution, Ministry of Science and Technology has approved NICHE as a Scientific and Industrial Research Organisation (SIRO) in 2008 and the same has been renewed up to 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 recognised the institution as a centre of excellence. Under the student satellite programme, NICHE has developed and launched NIUSAT on 23<sup>rd</sup> 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 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.

As of now, 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 centralised placements organized by Anna University Chennai. Further NICE was ranked as 19<sup>th</sup> 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 *Wifi* enabled. In 2017-18 two hundred and eighty-four faculty members are on rolls with the faculty students ratio of 9.98.

The UGC's guidelines have been followed in *toto* in framing the Regulations for the Doctoral Programme of NICHE. In 2017-18 there are 113 qualified research guides. As now, NICHE has a h index of 29 with 3165 publications and 4393 citations. Seven patents have been awarded, and 43 patents have been filed and Rs. Eighty lakhs worth of projects is operational. Three Departments of NICHE are regularly bringing out three journals of international repute. NICHE has entered into MoUs with 6 leading universities NICHE has also inked MOUs with several industrial organisations like IBM - recognizing this 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.

The 7<sup>th</sup> Convocation was held on 26<sup>th</sup> September 2017. In which 831 graduates were awarded degrees of this 473 were undergraduates, 220 were post graduates, 89 were M.Phils, and 49 were Ph.Ds. Professor Dr.G.Gopal Reddy, Member of the UGC, was the Chief Guest. Our University has been offering 100 of MOOC and NPTEL courses, and 47 students have registered so far.

NIUSAT a nano Satellite developed by the staff and students was handed over to the ISRO for testing by his Excellency the Governor of Kerala Mr. P. Sathasivam on 8-10-2016 at a function held in Thiruvananthapuram, and the same was launched on 23<sup>rd</sup> June 2017.

Our University has an enviable placement record. During the Academic year 17-18, thirty Companies have conducted campus interviews, and 834 students have attended the interviews. Two hundred thirteen eligible candidates have received 270 job offers, whereby making an offer per eligible student, the ratio as 2.1 and with a salary

average of Rs. 2.1 lakhs p.a. As a corporate social responsibility 452 job offers were obtained by NICHE to outside the university students.

Admissions for the 2017-18 academic year is encouraging, like last year BIO-Medical, Mechanical, Civil and branches were popular in UG Courses, M.B.A. is popular among PG courses.

In 2017-18, NICHE started B.Sc., perfusion technology, B.Sc. Renal Dialysis Technology, B.Sc. Cardiac Care Technology, B.Sc. Forensic Science, B.Sc. Audiology & Speech and Language Pathology, B.Sc. Human Genetics and Molecular Biology and B.Sc (Honors) in Aircraft Maintenance Engineering.

On 20.3.2018 in its 530<sup>th</sup> 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 16<sup>th</sup> November 2015 valid for five years. Hence till 15<sup>th</sup> November 2020. NICHE will be considered as the highest graded University.

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.

Thirty students and a faculty members visited NICHE on a walk with Scholars programme from Al Ameen College Aluva. They visited the campus facilities and interacted with the faculty, scholars and students.

Five Associate Professors were promoted as Professors, and 27 Assistant Professors were promoted as Associate Professors under the Career Advancement Scheme (CAS).

NICHE has adopted MOODLE Learning Management system and training on the same was provided to our faculty members on 26-2-2018 by Dr.A.Shajin Nargunam.

A Blood donation camp was organised on 3-3-2018 by our NSS in collaboration with the Government Hospital, Thuckalay.

The Sports day was conducted on 17-3-2018. Students Association Day was celebrated on 22-3-2018.

Inter-University Weight lifting competition for Men and Women was conducted on 11-4-2018, which was sponsored by the Government of Tamil Nadu. Ladies' Hostel Day was celebrated on 19-4-2018.

The University Grants Commission (UGC) has approved the MOA and Rules of the NICHE vide its letter dated 23-4-2018.

A Mega Job fair was conducted on 24-4-2018, by the Government of Tamil Nadu in NICHE Campus.

The examinations for the even semester have started on 25<sup>th</sup> April 2018 and ended on 8<sup>th</sup> June 2018. The Final Semester results were published on 13-6-2018.

The teaching-learning process is supplemented by intensive research. The Ph.D. Programme of the university is offered in strict compliance with the UGC Regulations. 105 Ph.D. candidates were admitted during 2017-18. With the new admissions as of now, there are 676 Ph.D. Scholars including 129 internal faculty members and 94 full-time scholars. Of these, 32 full-time scholars are paid monthly stipend by our university. Four scholars are recipients of Moulana Azad National Fellowship, and three scholars are getting INSPIRE Fellowship, and one scholar is getting SRF from CSIR.

Further on the suggestions of UGC, we have introduced B.Sc. (Honors) Aircraft Maintenance Engineering. Moreover, new specialisations like Cloud Computing,



Virtualisation, Big Data Analysis, Cyber Security, Health Care have been added. In tune with the changing trends by following the AICTE guidelines, in our programme structure, total credits have been revamped from the academic year 2017-18 onwards. More of practicals, activity-based learning and internships have been introduced.

106 Faculty members were awarded Cash Awards of Rs.1.66 lakhs for publishing Research Articles in Scopus Data Base.

Dr. R. C. Mehta, Professor of Aeronautical Engineering, delivered Key Note Address in an International Conference on Applied Mathematics held in Beijing, China and also at Mangalore in May 2017 and April 2017. Dr. S. Ramachandran, Professor of Mathematics, has been elected as the Fellow of the Institute of Combinatorics and its Applications and also a reviewer of American Mathematical Society, U.S.A. Dr. Karthikeyan of Aerospace Department has joined as the Editor and a Reviewer of AR and Research Script Journals. Dr. B. Bindhu, Head, Department of Physics, and Ms. M. S. Gopika have won Best Poster Award in a conference conducted by Indian Institute of Space Science and Technology (IIST). Dr. S. Balamurugan of Nanotechnology has received the prestigious Certificate of Outstanding Contribution in reviewing for the Elsevier Journals.

Dr. R. Binthiya, Dr. J. John Arul Singh and Mr. Victor Jeya Chandra have passed State Level Eligibility Test (SLET) in Mathematics.

Students of the University also excelled in activities during 2016-17. Aerospace Engineering Department students were selected for Abdul Kalam Education Satellite Project by WE SERVE Foundation to work on mission and TTC on board and ground station.

Sham Shad, third-year B.E. Mechanical Engineering student, has won First Prize and a Cash Award of Rs.10 lakhs in „Pathinaalaam Raavu“ and also won fifth place in Idea Star Singer and „Patturumaal“ in Malayalam TV shows.

Mr. Anaanta Sankar of EEE Department was certified by Swiss Learning Institute for Project Management Course.

Tincy K. Mariam of Biomedical Engineering participated in Republic Day 2017 as a special invitee of our Honourable Prime Minister.

Ms. Sana Fathima of Nanotechnology Department has secured 85<sup>th</sup> rank in GATE Examination 2017. Mustafa of EEE Department got a valid GATE score and working in HCL, Bangalore.

Ms. R. R. Krishna Jyothi of Chemistry Department was awarded DST Inspire Fellowship for five years.

Ms. Leenita Christopher of Bio-Medical Engineering Department has won Second Place in National Youth Level Talk competition conducted by ICTACT. Ms. Thahany was a runner in Weight Lifting Competition.

Nimy Alex of II M. A. English won First Prize in Verse Writing and also bagged III Prize in Quiz in HIND FEST 2017.

Seven MCA students won first prize in NIME Competition and Technical Quiz Web Designing Competitions.

Three Final Year M. Sc. Software Engineering students participated in SMART INDIA HACKATTION 2017 conducted by Ministry of External Affairs in New Delhi. Y. Prakash won the fourth position in the Body Building Competition.

Information Technology students were highly commented on in SMART INDIA HACKATTION 2017 for working non-stop 36 hours to find digital solutions. MCA students have won I Prize in Treasure Hunt.

Ms. Meena Balakrishnan, III year Aerospace Engineering student has won Third Prize in Weight Lifting Competition conducted by Sports Development Authority, Tamil Nadu.

These are the various achievements of Noorul Islam Centre for Higher Education during the academic year 2017-18.

\*\*\*\*

## AUTHORITIES OF NICHE

### Board of Management

1. Dr.R.Perumalsamy,  
Vice-Chancellor.
2. Dr. N. Chandrashekhar,  
Pro Vice-Chancellor.
3. Dr. Salim Shafeek,  
Leicester Shire,M.M. Road, Calicut.  
  
Dr.K.A.Janardhanan,  
Dean-Faculty of Management Studies.
4. Dr. A. Shajin Nargunam,  
Dean, Faculty of Computer Science.
5. Dr.M.K. Jeya Kumar,  
Dean, Faculty of Computer Science,  
  
Dr. J. Amar Pratap Singh,  
2-253, Kodum Kulam, Marthandam - 629 165.  
  
Dr.M. Dev Anand,  
Professor, Department of Mechanical Engineering,
6. Dr.J. Charles,  
Associate Professor, Director - Students Affairs.
7. Dr. P.K. Praseetha, Mela Palla Street,  
Vadeeswaram, Nagercoil - 629 002.
8. Mr. J.P. Jayan,  
Assistant Professor, Department of Software Engineering.  
  
Dr.T. Tamizh chelvam,  
Professor, Department of Mathematics,  
Manonmaniam Sundaranar University, Tirunelveli - 627 012.
9. Dr.N. Jawahar,  
Professor and HOD,  
Department of Mechanical Engineering,  
Thiagarajar College of Engineering, Madurai - 625 015.  
  
Dr.C. Samudhra Rajakumar,  
Professor and HOD,  
Department of Business Administration,  
Annamalai University, Annamalai Nagar - 608 002.
10. Dr.P. Thirumalvalavan,  
Registrar, NICHE.
11. Dr.B. Krishnan, Special Invitee,  
COE, NICHE

## **Academic Council**

1. Dr. R. Perumalsamy,  
Vice-Chancellor.
2. Dr. N. Chandrashekhar,  
Pro Vice-Chancellor.
3. Dr..K.A.Janardhanan,  
Director, HRM &  
Dean - Faculty of Management Studies.
4. Dr. A. Shajin Nargunam,  
Director- Academic Affairs &  
Dean - Faculty of Information and Computer Engineering.
5. Dr. M.K. Jeyakumar,  
Additional COE &  
Dean - Faculty of Computer Science.
6. Dr. M. Dev Anand,  
Director - R&D &  
Dean - Faculty of Mechanical Engineering.
7. Dr.R.S. Vinod Kumar,  
Dean- Faculty of Electrical and Electronics Engineering.
8. Dr.R.C. Mehta,  
Dean - Faculty of Aeronautical and Space Technology.
9. Mr.S. Mohana Das,  
Dean - Faculty of Marine Engineering.
10. Dr.V. Narayana Nair,  
Dean - Faculty of Civil Engineering.
11. Dr.M. Immaculate Mary,  
HOD, Department of Mathematics &  
Dean - Faculty of Science and Humanities.
12. Dr.C. Ratnam Nadar,  
Dean- Students Welfare.
13. Dr.M. Sankaranarayana Pillai,  
HOD, Department of Chemistry.

14. Dr. Julia Punitha Malar Dhas,  
HOD, Department of Computer Science and Engineering.
15. Dr. R. Rajesh,  
HOD, Department of Mechanical Engineering.
16. Dr. Edwin Raja Dhas,  
HOD, Department of Automobile Engineering.
17. Dr.S.S. Kumar,  
HOD, Department of Electronics and Instrumentation Engineering.
18. Prof. J. Arul Linsely,  
HOD, Department of Electrical and Electronics Engineering.
19. Dr. R. Mathu Soothana S Kumar,  
HOD, Department of Information Technology.
20. Dr.J. R. Jeba,  
HOD, Department of Computer Applications.
21. Dr.D. Kinslin,  
HOD, Department of Management Studies.
22. Prof. T. Anil Kumar,  
HOD, Department of Aeronautical Engineering.
23. Dr.M. Murugan,  
HOD, Department of Biomedical Engineering.
24. Dr.P. K. Praseetha,  
HOD, Department of Nanotechnology.
25. Prof. S. John Leon,  
HOD, Department of Marine Engineering.
26. Prof. A.Khaleel Rahuman,  
HOD, Department of English.
27. Dr.B. Bindhu,  
HOD, Department of Physics.
28. Prof. J.P. Jayan,  
HOD, Department of Software Engineering.
29. Prof. N. Ramasamy,  
HOD, Department of Fire Technology and Safety.

- 30.** Dr. Amar Pratap Singh,  
Director- Administration & Computing Centre,  
Professor, Department of CSE.
- 31.** Dr.B. Krishnan,  
Director- First Year B.E./ B.Tech &,  
Professor, Department of English.
- 32.** Prof. M.L. Narayanan,  
Professor Department of English.
- 33.** Dr.R.S. Moni,  
Professor, Department of Electronics and Communication Engineering.
- 34.** Mr.M. Sasikumar,  
Professor, Department of Information Technology.
- 35.** Dr.S. Ramachandran,  
Professor, Department of Mathematics.
- 36.** Dr. G.M. Joselin Herbert,  
Professor, Department of Mechanical Engineering.
- 37.** Dr.P.B. Sarasija,  
Professor, Department of Mathematics.
- 38.** Prof. G. Moses,  
Professor, Department of Aeronautical Engineering.
- 39.** Dr.B. Chandra Chodan Nair,  
Professor & Director MBA.
- 40.** Dr. Sharmini Enoch,  
Professor, Department of Electronics and Communication Engineering.
- 41.** Dr. R. Ganesan,  
Professor, Department of Electronics and Instrumentation Engineering.
- 42.** Dr.P. Nagendra Prasad,  
Professor, Department of Biomedical Engineering.
- 43.** Prof. M. Sivathanu Pillai,  
Professor, Department of MBA.
- 44.** Prof. A.R.S. Iyer,  
Professor, Department of Information Technology.

45. Prof. K. Thankavel,  
Professor, Department of Marine Engineering.
46. Prof. F. Shamila,  
Associate Professor, Department of EEE.
47. Prof. J. Charles,  
Associate Professor & Director Students Affairs.
48. Dr.T.M. Selvarajan,  
Assistant Professor, Department of Mathematics.
49. Dr.K. Uma Samundesvari,  
Assistant Professor Department of Mathematics.
50. Prof. S. Kumaresan,  
Assistant Professor, Department of Mathematics.
51. Rear Admiral B.R. Menon,  
Chairman, Kerala Shipping and Island Navigation Corp.Ltd, Cochin.
52. Dr.S. Venkataraman,  
Behavioural Catalyst & CEO Coach TVS Groups.
53. Dr.G.L. Valsala,  
Retd. Principal, Government Engineering College,  
Sreekrishnapuram, Palakkad.
54. Mr. R. Narayanan,  
Former Vice- President, TCS.
55. Mr. T. Elangovan,  
Former Director, NCTPR, Trivandrum.
56. Dr.Paulose Jacob,  
Dean, Faculty of Engineering, Cochin University.
57. Dr.P.Thirumalvalavan,  
Registrar.

## **Finance Committee**

1. Dr. R. Perumalsamy,  
Vice-Chancellor.
2. Dr. N. Chandrashekhar,  
Pro Vice-Chancellor.
3. Dr. K.A. Janardhanan,  
Director, HRM.
4. Thiru. S.I. Sreenivas,  
Parvathi Vilasam,  
Palliyadi - 629 169.
5. Thiru. S. Ganesan,  
Finance Officer. - Secretary
6. Dr.P. Thirumalvalavan,  
Registrar. - Special Invitee

## **Planning & Monitoring Board**

1. Dr.R.Perumalsamy,  
Vice-Chancellor.
2. Thiru.M.S.Faizal Khar,  
NIMS Medicity, Neyattinkara.
3. Dr . A.E. Muthunayagam  
Advisor, NICHE.
4. Dr.N.Chandrashekhar,  
Pro Vice-Chancellor.
5. Dr.K.A. Janardhanan  
Director, HRM,
6. Dr.A.Shajin Nargunam,  
Director, Academic Affairs.
7. Dr.M.L.Narayanan,  
Director (Grievance),.
8. Dr. J. Amar Pratap Singh,  
Director, Computing Centre & Administration,
9. Mr. T.P. Sreenivasan,  
Former Higher Education Secretary,  
Govt. of Kerala
10. Dr.Dinesh Kumar,



Vice-Chancellor,  
YMCA University of Science & Technology,

11. Dr.Jebamalai,  
Director, HRM.

12. Dr.P.Thirumalvalavan,  
Registrar.

## BOARD OF RESEARCH, DEVELOPMENT & CONSULTANCY (BRDC)

1. Dr. R. Perumalsamy,  
Vice -Chancellor, NICHE.
2. Dr.N.Chandrashekhar,  
Pro Vice-Chancellor.
3. Dr. K. A. Janardhanan,  
Dean, Faculty of Management Studies, NICHE.
4. Dr. A. Shajin Nargunam,  
Dean, Faculty of ICE, NICHE.
5. Dr. R. S. Vinod Kumar,  
Dean, Faculty of EEE, NICHE.
6. Dr. P. Nagendra Prasad,  
Dean, Faculty of Technology, NICHE.
7. Dr.V. Narayanan Nair,  
Dean, Faculty of Civil Engineering, NICHE.
8. Dr.M.K. Jeyakumar,  
Dean, Faculty of Computer Science, NICHE.
9. Dr.M. Immaculate Mary,  
Dean, Faculty of Humanities & Science, NICHE.
10. Prof. S. Mohan Das,  
Dean, Faculty of Marine Engineering, NICHE.
11. Padma Shri. Dr. N. Vedachalam,  
Distinguished Professor, Director-LPSC (Rtd.), VSSC, Trivandrum.
12. Dr. N. Periasamy,  
Professor, School of Chemistry, University of Hyderabad, Hyderabad.
13. Dr. T. J. Pandian,  
Emeritus Professor, School of Biological Sciences, M.K University, Madurai.
14. Dr. M. Lakshmanan,  
Profesor of Eminence & DST Ramanna Fellow,  
Centre for Nonlinear Dynamics, Bharathidasan University, Trichy.
15. Dr. A. Kannan,  
Professor & Head, Department of Information Science & Technology,  
Anna University, Chennai.
16. Dr. T. J. Apren,  
Head, R.F System and Development Division, VSSC, Thumba,  
Trivandrum – 695002.

17. Dr. M. Dev Anand,  
Professor and Director - Research, NICHE.
18. Dr.P.Thirumalvalavan,  
Registrar, NICHE.
19. Dr. A. E. Muthunayagam,  
Advisor, NICHE.

## **BOARD OF STUDIES**

### **AERONAUTICAL ENGINEERING**

1. Mr.R.Ajith Raj,  
Asst. Professor &HOD,  
Aeronautical Engineering.
2. Dr.R.C. Mehta,  
Professor,  
Aeronautical Engineering.
3. Prof. C.L. Ojha,  
HOD & Professor,  
Aerospace Engineering.
4. Dr.T. Annil Kumar  
Associate Professor, Aeronautical Engineering.
5. Mr. J. Saji Soundara Raj  
Associate Professor,  
Aeronautical Engineering.
6. Mr. R.R. Neela Rajan  
Assistant Professor,  
Aeronautical Engineering.
7. Mr.J.Inayathullah,  
Assistant Professor,  
Aeronautical Engineering.
8. Mr.I.J. Rohith,  
Assistant Professor,  
Aeronautical Engineering
9. Mr.K.Anton Savio Lewise  
Assistant Professor,  
Aeronautical Engineering
10. Dr.T. Jayachandran  
Head - PRG (Propulsion and Research Group)  
VSSC PRA - 63, Pottakuzhy,  
Trivandram - 695004.  
0471 - 2553268,  
09847089482.

11. Dr.K.M. Paramasivam, Ph.D., Post - Doc.  
Director, Centre for Research (Aerospace)  
Professor, Department of Aerospace Engineering  
M.I.T. Campus, Anna University, Chrompet  
Chennai - 600 004

## **AEROSPACE ENGINEERING**

1. Shree. Chaman Lal Ojha,  
HOD, Aerospace Engineering.
2. Dr. R.C. Mehta,  
Professor,  
Aeronautical Engineering.
3. Dr.M.Immaculate Mary,  
HOD, Mathematics
4. Dr.S.S. Kumar,  
Associate Professor,  
HOD, EIE.
5. Prof. S. Robin Divahar,  
HOD,  
Aeronautical Engineering.
6. Shri. M.S. Aldrin Sugin,  
Associate Professor,  
Aerospace Engineering.
7. Dr.B. Bindhu,  
HOD, Physics
8. Mr.R. Ajith Raj  
HOD, Aeronautical Engineering.
9. Mr.N.Abilash,  
HOD, Mechanical Engineering
10. Shri. G. Diju Samuel,  
Assistant Professor,  
Aerospace Engineering.
11. Mr. G. Ramanan,  
Assistant Professor,  
Aerospace Engineering.
12. Dr.L.M.Karthikeyan,  
Assistant Professor,  
Aerospace Engineering
13. Dr.S. Swaminathan,  
Group Director,  
AFDG/AERO, VSSC,  
Trivandrum - 629 582.

14. Shri. Pankaj Priyadarshi,  
Adjunct Professor, IIST, TVM,  
Scientist/ Engineer „SG“,
15. Dr.Anderson  
ASP Aeronautical Engineering  
Sathynama University  
Chennai.

## **AIRCRAFT MAINTENANCE**

1. Sri. Chaman Lal Ojha,  
HOD. AME.
2. Dr. R.C. Mehta,  
Dean, Faculty of Aeronautical  
and Space Technology.
3. Dr.M.S.Aldrin Sugin  
Assoicate Professor  
Aerospace Engg.
4. Mr.R.Ajith Raj,  
HOD, Aeronaurical Engineering.
5. Mr.S.Robin Divahar,  
Associate Professor, Automobile Engineering.
6. Dr.R.S.Vinod Kumar  
HOD, Electronics & Communion Engineering
7. Dr.S.S.Kumar,  
HOD Electronics & Instrumentation Engg.
8. Dr.N.Abilash  
HOD, Mechanical Engineering
9. Dr.J.Arul Linsely,  
HOD, Electrical & Electronics Engineering.
10. Dr.G.Diju Samuel,  
Assistaant Professor, Aerospace Engineering
11. Mr.G.Ramanan,  
Assistant Professor,  
Aerospace Engineering
12. Mr.S.Nalinakrishnan Nair,  
C1 & Accountable Manager  
Aircraft Maintenance Engineering
13. Capt.Rajesh Daniel,  
Member, Instructor Pilot,  
RGAAT, Govt. of Kerala

14. Sri.K.Ravindran,  
Member Retd  
Chief Aircraft Mechanician and  
Ex-Aircraft Maintenance Engineer of Qatar Emiri Airforce
15. Mr.M.Sreedharan Nair,  
Deputy CI  
Aircraft Maintenance Engineering

## **AUTOMOBILE ENGINEERING**

1. Dr. J. Edwin Raja Dhas,  
Professor & HOD,  
Automobile Engineering.
2. Dr. B. Stanly Jones Retnam,  
Associate Professor,  
Automobile Engineering.
3. Dr. M. Edwin Sahaya Raj,  
Associate Professor,  
Automobile Engineering.
4. Dr.P.Pradeep  
Associate Professor,  
Automobile Engineering
5. Prof. A.K. Darwins,  
Assistant Professor,  
Automobile Engineering.
6. Prof. K.S. Karthik,  
Assistant Professor,  
Automobile Engineering.
7. Dr.P.Karthikeyan,  
Associate Professor,  
Department of Automobile Engineering
8. Shri.M.Prabakaran  
Management Representative and HR (Asst)  
Veta Industries India Pvt. Ltd.  
Chennai - 602 105
9. ShriArun Kumar.A  
Assistant Professor,  
Fiat Chrysler Automobiles India Pvt. Ltd  
RMZ Millenia Business Park Campus  
1-! 4<sup>th</sup> and 5<sup>th</sup> Floor  
143 Kandanchavadi Perungudi  
Chennai - 600 096.

## **BIO MEDICAL SCIENCES & TECHNOLOGY**

1. Dr. M. Murugan,  
HOD, BMST.
2. Dr.P.Nagendra Prasad,  
Dean, Faculty of Technology
3. Dr.Mansoor Ani.N  
Associate Professor, BMST.
4. Dr.S. Albert Jerome,  
Associate Professor, BMST.
5. Dr.I. Sowmy,  
Associate Professor, BMST.
6. Dr.J. Rajeesh,  
Professor,  
Department of & Electronics Communication College of Engineering,  
Thalassery, Kerala - 670 107.
7. Dr.A. Vijaya Anand,  
Associate Professor & Head,  
Department of Human Genetics & Molecular Biology,  
Bharathiar University, Coimbatore - 641 046.
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 Shanthi,  
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,  
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 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, (Autonomous)  
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

### **Officers of NICHE**

1. Dr. A.P. Majeed Khan,  
President, NICHE Society.
2. Shri. M.S. Faizal Khan,  
Vice - President, NICHE Society.
3. Dr. A.E. Muthunayagam,  
Advisor.
4. Dr.R. Perumalsamy,  
Vice- Chancellor.
5. Dr.N. Chandrashekhar,  
Pro Vice-Chancellor.
6. Dr.P.Thirumalvalavan,  
Registrar.
7. Dr.V. Umayorubhagan,  
Controller of examinations.
8. Dr. K. A. Janardhanan,  
Director, HRM.
9. Dr.A. Shajin Nargunam,  
Director, Academic Affairs.
10. Dr. M. Dev Anand,  
Director, Research.
11. Prof. J. Charles,  
Director, Students Affairs.
12. Prof. M. Sivathanu Pillai,  
Director, Industry Institute Interaction.
13. Dr.M.L. Narayanan,  
Director, Grievance Cell.
14. Dr.J. Amar Pratap Singh,  
Director, Administration & Computing Centre.
15. Dr. R. Mathusoothana S. Kumar,  
Director, Entrance Examination.
16. Dr.B. Krishnan,  
Director, Admission & First Year B.E., B.Tech Programmes.
17. Dr. C. Retnam Nadar,  
Dean, Students Welfare.
18. Mr. S. Mohana Das,  
Director, Marine Engineering.
19. Dr. M.K. Jaya Kumar,  
Additional Controller of Examinations.

20. Dr. M. Ilankumaran,  
I Year Co-ordinator.

21. Dr.G. Ramadas,  
Public Relations Officer.

### 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

### Departments of NICHE

Sl. No.	Name of the Department	Courses Offered
1.	Aeronautical Engineering	B.E., Aeronautical Engg. M.E. Aeronautical Engg. Ph.D.
2.	Aerospace Engineering	B.E. Aerospace Engg. B.E. Aircraft Maintenance Engg.
3.	Automobile Engineering	B.E. Automobile Engg., 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.	Computer Applications	M.C.A., Ph.D.
8.	Computer Science & Engineering	B.E. Computer Science & Engg. M.E. Computer Science & 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. Software Engg. M.E. Cyber Security Engg. Ph.D.
14.	Management Studies	M.B.A., M.B.A.-HRM M.Phil. Management , Ph.D.
15.	Marine Engineering	B.E. Marine Engg.
16.	Mathematics	M.Sc. Mathematics, M.Phil., Mathematics, Ph.D.
17.	Mechanical Engineering	B.E. Mechanical Engg, B.Tech. Fire Technology and Safety Engg, M.E Thermal Engineering, M.E. Computer Integrated Manufacturing, 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.	Software Engineering	M.Sc. Software Engg. (5 years) M.Phil., Computer Science Ph.D.

**FORMAT FOR 5<sup>th</sup> ANNUAL REPORT DATA FOR THE UNIVERSITY DEPARTMENTS  
FOR THE ACADEMIC YEAR 2017 – 18 (FROM 1<sup>st</sup> JULY 2017 – 31<sup>st</sup> JUNE 2018)**

**NAME OF THE DEPARTMENT: AERONAUTICAL ENGINEERING**

**1. Department Details :**

Name of the School	<b>Aeronautical and Space Technology</b>
Name of the HOD, Phone No. and E-mail ID	<b>R Ajith Raj 9047417188 ajithraj006@gmail.com</b>
Year of Establishment	<b>2004 –2005</b>
Telephone Number	<b>9486856105</b>
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. R.C. Mehta	B.E., M.S., Ph.D.,	Professor	Aerodynamics, CFD	10	33	<a href="mailto:drakhab.mehta@gmail.com">drakhab.mehta@gmail.com</a> ,
2	Dr. T. Annil Kumar	B.E., M.E., Ph.D.	Asso. Prof.	Composites	15		<a href="mailto:annilkumartngl@gmail.com">annilkumartngl@gmail.com</a>
3	Prof. J. Saji Soundara Raj	B.E.,M.E., M.E.,	Asso. Prof.	Structures	24		<a href="mailto:sajisoundararaj@yahoo.com">sajisoundararaj@yahoo.com</a>
4	Mr. R.R. Neela Rajan	B.E., M.E., (Ph.D.)	Asst. Prof.	Propulsion	12		<a href="mailto:neelarajan2012@gmail.com">neelarajan2012@gmail.com</a>
5	Mr. R. Ajth Raj	B.E., M.Tech., (Ph.D.)	Asst. Prof.	Aerodynamics	4.5		<a href="mailto:ajithraj006@gmail.com">ajithraj006@gmail.com</a>
6	Mr. Inayathullah J	B.E., M.E.,	Asst. Prof.	Flight Dynamics	3		<a href="mailto:j.inayathullah@gmail.com">j.inayathullah@gmail.com</a>
7	Mr. K. Anton Savio Lewise	B.E., M.E., (Ph.D.)	Asst. Prof.	Propulsion	6		<a href="mailto:kaslewise@gmail.com">kaslewise@gmail.com</a>
8	Mr. I. J. Rohith	B.E., M.E., (Ph.D.)	Asst. Prof.	Aerodynamics	1.5		<a href="mailto:ijrohith1992@gmail.com">ijrohith1992@gmail.com</a>
9	Mr. V. Antony Vincent	A.M.Ae.S.I., M.E., A.M.I.E., (Ph.D.)	Asst. Prof.	Composites	10		<a href="mailto:vantonyaero79@gmail.com">vantonyaero79@gmail.com</a>
10	Mr. S.S.Pon Sudhir Sajan	B.E., M.E., (Ph.D.)	Asst. Prof.	Composites	6		<a href="mailto:sssajanaero89@gmail.com">sssajanaero89@gmail.com</a>

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
	Dr. R.C. Mehta		10	2	99	59	369								
	Dr T Annil Kumar		2	-	2		20								
	Dr. Neela Rajan R R		1	5	7										
	Mr. Rohith I J		1	2	14										
	Mr. Ajith Raj		1	4	4		3								
	Mr Inayathullah		1	-	1										

### 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:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr. Kalimuthu	ISRO Mahendragiri	INDIA	5 hours	To attend technical symposium

### 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

### 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,	On the Analytical Solutions of the Oblique Shock Wave Equation,	Sch. J. of Eng. And Technology	2018	Vol. 6, No. 2	64-70
2	Saji Soundara Raj	Experimental and Simulation studies of T Shape tube hydroforming of AA6063 Aluminium alloy.	TAGA Journal	2018	Vol. 14, No.246	2663-2683
3	Neela Rajan	Experimental study on performance and emission characteristics of transesterified Jatropha biodiesel engine	International Journal of Mechanical Engineering and Technology	2017		
4	Neela Rajan	Multi-objective optimisation of Mahua oil transesterification using response surface methodology and grey relational analysis	International Journal of Enterprise Network Management	2017		
5	R Ajith Raj	Microstructural Evaluation and Tensile Characterization of Electron Beam Welded Dissimilar Metal Joints of Copper and Stainless Steel 304	International Journal of Mechanical Engineering and Technology	2018	Vol. 9, Issue 3	519-528
6	R Ajith Raj	A survey on future research about electron beam welding for aerospace applications	CHINA WELDING	2018	Vol 27, Issue 1	60-64
7	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) (2018)	198-201

8	Rohith I J	On Orbit performance and Analysis of NIUSAT Student Nano satellite	Submitted for publication in ISAC, Bangalore	2018	International Conference on Small Satellite Technology	
9	R. C. Mehta	Multi-Block Structured Grid Generation Method for Computational Fluid Dynamics,	Sch. J. of Eng. and Technology	2017-201`8	Vol. 5, No. 8,	387-393.
10	R. C. Mehta	Investigation of Aerodynamic Coefficients at Mach 6 over Conical, Hemispherical and Flat-face Spiked Body	The Aeronautical Journal (Royal Aeronautical Society, UK)	2017-2018	Vol. 121, Number 1245,	1711-1732
11	R. C. Mehta	Numerical Analysis of Temperature Depression in A Multi-Fin Array	Sch. J. of Eng. and Technology,	2017-2018	Vol. 5, No. 10	571-576
12	R. C. Mehta	Isoparametric Finite Element Method to Generate Structured Grid for Numerical Flow Simulation	Journal of Aerospace Sciences and Technologies	2017-2018	Vol. 69, NO. 4	588-596

#### 9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1	Dr. R.C Mehta	Image processing Algorithm for fringe analysis in photo elasticity	2017		
2	Mr. Rohith I.J Mr. Ajith Raj R	Drag reduction in aircraft wing by inducing surface roughness	2017		
3	Mr. Ajith Raj R Mr. Rohith I.J	Aircraft winglet modification to reduce vertical stabilizer length	2017		
4	Mr. Rohith I.J	NIUSAT; A nano Satellite	2017		
5	Dr. R.C Mehta	Image processing Algorithm for fringe analysis in photo elasticity	2017		

### 10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Rakhab C. Mehta	Numerical Investigation of Supersonic Exhaust Diffuser,	Lambert Academic Publishing, Germany	2018
2	Rakhab C. Mehta	Heat Transfer Analysis Without and With Forward Facing Spike Attached to a Blunt Body at High Speed	INTECH Open, Croatia	2018

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

S. NO	Name of the Programme / Branch of study	Enrolment during 2017-18		Total	Community												Existing Students, Strength						Pass Percentage of out going 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	11	15	1	5	3	3		2		1								1	4	6	8	4	1	2	3	66.6
	PG Courses	0	1	1								1								1	2							100
	M.Phil. Programme																											
	Ph.D Programme																											
	Diploma Certificate Courses (if any)																											
	MOOC/NPTEL/UGC online courses offered																											
	<b>Total</b>	<b>4</b>	<b>12</b>	<b>16</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>3</b>		<b>2</b>		<b>2</b>							<b>1</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	

### 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.Aeronautical Engineering	Indian	Kerala	6	-	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	B.E	10	M.E	3							2	15

**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	NICHE	JRF	1		1

**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)							
3	M.B.C./D.N.C.(State)	2						50,000/-
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							50,000/-

**16. Performance of the Students :U.G**

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
		16	04	15	02	20	06	20	04	11	07	12	04	15	10	15	10

**17. Placement Details:**

<b>Name of the Placement co-ordinator : Mr.J.Inayathullah</b>			
<b>Phone/Mobile Number : 9585259492 e-mail: <a href="mailto:j.inayathullah@gmail.com">j.inayathullah@gmail.com</a></b>			
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	3	-
2	Number of Placements obtained through Campus Interview	3	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1:5	-

**18. Outstanding achievements by the Faculty Members: I**

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. R C Mehta	Associate Editor	Scholars Journal of Engineering and Technology
2	Dr. R C Mehta	Regular Member	Scholars Academic & Scientific Society

**19. Outstanding achievements by Students:**

S. No.	Name of the Student	Achievements	Agency
1	24 students of Aeronautical Engineering	Membership	Aeronautical Society of India.

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

S.No	Name	Date	
1.	Course Committee Programme Committee BOS etc.	27/7/2017 28/7/2017 31/7/2017 18/01/2018  19/01/2018 30/01/2018 06/02/2018  24/7/2018 25/7/2017 26/7/2017 28/8/2017 29/8/2017 30/8/2017 26/10/2017 27/10/2017 28/10/2017 2/3/2018 20/4/2018  2/2/2018 28/4/2018	Programme committee Programme committee Programme committee Programme committee  Programme committee Programme committee Programme committee  Course committee Course committee Course committee Course committee Course committee Course committee Course committee Course committee Course committee Course committee Course committee Course committee  BOS BOS

**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	Aircraft Structures & Repair Lab	MIG MAG C02 welding machine	1	Research / Practical
2	Aircraft Structures & Repair Lab	SMT Universal Radial Drilling Machine	1	Practical
3	Aircraft Structures & Repair Lab	Pushpak VT-DLT	1	Practical
4	Aircraft Structures & Repair Lab	Diffused Polariscope	1	Research / Practical
5	Aero Engines Lab	Avon Aero Engine	1	
6	Aircraft Structures & Repair Lab	Ultrasonic Flaw Detector	1	Research / Practical

**22. Extension activities carried out :**

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Social Awareness Program towards Road Safety	NICHE family	15-03-2018	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	914	7	No. of titles available	2
2	Books added during the year 2017-2018	375	8	No. of CDs and Digital Books available	1
3	No. of Indian Journals/ Magazines	4	9	No. of Foreign Magazines/Journals	1
4	No. of data bases available	-	10	No. of Online Journals	100
5	Average No. of students visiting the Library per day	8	11	Average No. of books Issued per day	2
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	5 Mbps	12	Availability of Language Lab	nil
			13	NAD 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 : Nil****29. Academic Flexibility : Nil**

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

\*\*\*\*\*

## 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	http://www.niuniv.com/aerospace.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	Aeronautical	11	-	aldrin_sugin@Rediffmail.com 9894084608
3	Mr.K.Samuel	B.E. M.E, (Ph.D)	Assistant. Professor	Avionics	5	-	sam.profl@gmail.com 8122228778
4	Mr.S.Muthu Sherin	B.Tech, M.E, (Ph.D)	Assistant. Professor	Aeronautical	5	-	sherin@sify.com 9894562191
5	Dr.Karthikeyan.L.M	B.E. M.E, Ph.D	Assistant. Professor	Aeronautical	7	1	lmkarthikeyan@yahoo.in 9865547716

### 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	Dr.Aldrin Sugin	1	1	1	5	-	18	135	135	-	-	-	-	-	-
4	Mr.Muthuherin	-	-	-	-	-	-	135	135	-	-	-	-	-	-
5	Mr.Samuel	-	-	-	3	-	-	135	135	-	-	-	-	-	-

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
6	Dr.L.M.Karthikeyan	-	2	-	16	-	7	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						

**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. :**

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

**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.Aldrin sugin	Fabrication and characterization	International Journal of	Vol 3 issue 5	2017	pp 48

		of aluminium 7075-flyash metal matrix composite with analytical verification on application to aircraft wings	Innovative studies in sciences and engineering technology, ISSN: 2455-4863			
--	--	---	--	--	--	--

**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 2017-18			Total	Community												Existing Students, Strength						Pass Percentage of out going 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	M	F		
	UG Programme	4	4	8	-	-	4	4	-	-	-	-	-	-	-	-	-	-	5	5	4	3	7	7	92.3
	PG Courses																								
	M.Phil. Programme																								
	Ph.D Programme																								
	Diploma Certificate Courses (if any)																								
	MOOC/NPTEL/UGC online courses offered																								
	<b>Total</b>																								

**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	3	4	7

**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	<b>09</b>	Male	<b>Nil</b>	Male	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	Male	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
2	Female	<b>15</b>	Female	<b>Nil</b>	Female	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	Female	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**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)							
	<b>Total</b>							

**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
		08	06	08	06	10	07	10	08	08	02	08	03	14	10	14	10

**17. Placement Details:**

<b>Name of the Placement co-ordinator : K.Samuel</b>			
<b>Phone/Mobile Number : +918122228778</b>		<b>e-mail: <a href="mailto:sam.profl@gmail.com">sam.profl@gmail.com</a></b>	
<b>Number of Placement Programmes: 1</b>			
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 Student	Achievements	Agency
1	Susan Ligor	Internship Training	Jet Aerospace
2	Lakshmi Ravi	Internship Training	Jet Aerospace
3	Nithya Krishnan	Internship Training	Jet Aerospace
4	Anishma Uday	Internship Training	Jet Aerospace

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

S.No	Name	Date	Vaue / Hall No.
1	Board of Studies Meeting	30.04.2018 11.00 AM to 01.00 PM	University Conference Hall
2	1 <sup>st</sup> Programe Committee Meeting (odd sem)	27.07.2017 11.10 AM	T 103
3	2 <sup>nd</sup> Programe Committee Meeting (odd sem)	27.09.2017 11.10 a.m.	T 103
4	1 <sup>st</sup> Programe Committee Meeting (even sem)	15.02.2018 02.40 PM	T 103
5	2 <sup>nd</sup> Programe Committee Meeting (even sem)	15.03.2018 02.40 PM	T 103
6	3 <sup>rd</sup> Programe Committee Meeting (even sem)	05.04.2018 02.40 PM	T 103
7	1 <sup>st</sup> class committee meeting for S3 students (odd sem)	25.07.2017 02.40 PM	T 102
8	1 <sup>st</sup> class committee meeting for S5 students (odd sem)	25.07.2017 11.10 AM	T 202
9	1 <sup>st</sup> class committee meeting for S7 student(odd sem)	26.07.2017 02.40 PM	T 201
10	2 <sup>nd</sup> class committee meeting for S3 students (odd sem)	24.08.2017 02.40 p.m.	T 102



S.No	Name	Date	Vaue / Hall No.
11	2 <sup>nd</sup> class committee meeting for S5 students (odd sem)	24.08.2017 11.10 AM	T 202
12	2 <sup>nd</sup> class committee meeting for S7 students (odd sem)	26.08.2017 02.40 PM	T 201
13	3 <sup>rd</sup> class committee meeting for S3 students (odd sem)	25.10.2017 02.40 PM	T 102
14	3 <sup>rd</sup> class committee meeting for S5 students (odd sem)	25.10.2017 11.10 AM	T 202
15	3 <sup>rd</sup> class committee meeting for S7 students (odd sem)	26.10.2017 02.40 PM	T 201
16	1 <sup>st</sup> class committee meeting for S2 students (even sem)	15.02.2018 12.10 PM	T 102
17	1 <sup>st</sup> class committee meeting for S4 students (even sem)	30.01.2018 11.10 AM	T 102
18	1 <sup>st</sup> class committee meeting for S6 students (even sem)	30.01.2018 01.30 PM	T 202
19	1 <sup>st</sup> class committee meeting for S8 students (even sem)	15.02.2018 01.40 PM	T 201
20	2 <sup>nd</sup> class committee meeting for S2 students (even sem)	15.03.2018 12.10 PM	T 102
21	2 <sup>nd</sup> class committee meeting for S4 students (even sem)	02.03.2018 11.10 AM	T 102
22	2 <sup>nd</sup> class committee meeting for S6 students (even sem)	02.03.2018 01.30 PM	T 202
23	2 <sup>nd</sup> class committee meeting for S8 students (even sem)	15.03.2018 01.40 PM	T 201
24	3 <sup>rd</sup> class committee meeting for S2 students (even sem)	05.04.2018 12.10 PM	T 102
25	3 <sup>rd</sup> class committee meeting for S4 students (even sem)	05.04.2018 11.10 AM	T 102
26	3 <sup>rd</sup> class committee meeting for S6 students (even sem)	05.04.2018 01.30 PM	T 202
27	3 <sup>rd</sup> class committee meeting for S8 students (even sem)	05.04.2018 01.40 PM	T 201

**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	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

## 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: Dr. Aldrin Sugin M.S.

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

## 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) Dual-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

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

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

\*\*\*\*\*

## NAME OF THE DEPARTMENT:AUTOMOBILE ENGINEERING

### 1. Department Details :

Name of the School	<b>MECHANICAL STREAM</b>
Name of the HOD, Phone No. and E-mail ID	<b>Dr. J.EDWIN RAJA DHAS</b> <b>9443607104</b> <a href="mailto:edwinrajadhas@rediffmail.com">edwinrajadhas@rediffmail.com</a>
Year of Establishment	<b>2009</b>
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. J.Edwin Raja Dhas	PhD	Professor & Head	Intelligent Manufacturing	15	1.5	<a href="mailto:edwinrajadhas@rediffmail.com">edwinrajadhas@rediffmail.com</a> 9443607104
2	Dr. M. Edwin Sahayaraj	PhD	Associate Professor	Surface Engineering	18		<a href="mailto:ebishaoun@gmail.com">ebishaoun@gmail.com</a> 9443734994
3	K S Karthik	ME (Auto)	Assistant Professor	Automotive engineering	7.2 yrs		<a href="mailto:karthik.ks18@gmail.com">karthik.ks18@gmail.com</a> 9487412372
4	Dr. Pradeep. P,	PhD	Associate Professor	Composite Materials	12.6 yrs	-	<a href="mailto:pspradeep2006@rediffmail.com">pspradeep2006@rediffmail.com</a> 9488833753
5	Mr. S. Robin Divahar	ME	Associate Professor	Thermal	13.6 years		<a href="mailto:srobinn@yahoo.com">srobinn@yahoo.com</a> 9944258801
6	Dr. Stanly Jones Retnam.B	PhD	Associate Professor	Composite Materials	10.5		<a href="mailto:er.stanleybjones@yahoo.co.in">er.stanleybjones@yahoo.co.in</a> 9443791408
7	Darwins. A.K	ME	Assistant Professor	Manufacturing	14.2		<a href="mailto:akdarwins@gmail.com">akdarwins@gmail.com</a> 9487657885

### 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	Dr. J.Edwin Raja Dhas		4	5	7	2	24		145			3	4		8

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.
2	Dr. Stanly Jones Retnam.B		8	2	8	2	29		118						07
3	Dr. Pradeep		2	3	7	11	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. Stanly Jones Retnam.B	National workshop/ AUTOMOBILE Department/NICHE	ANSYS WORKBENCH	26 October 2017
2	Dr. Stanly Jones Retnam.B	WORKSHOP/ AUTOMOBILE Department/NICHE	RAPID PROTOTYPING USING 3D PRINTER	FEBRUARY 2017
3	Dr. Stanly Jones Retnam.B	ICSTEM 17/ KIT coimbatore	Material characteristic study of fabrication of hydroxyl apptite with polyacids for orthopaedic implants	3,4 MARCH 2017,
4	Dr. Stanly Jones Retnam.B	ICREMS 2016/NICHE	A review on extraction of bamboo fiber and its properties	OCTOBER 2017

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
5	Dr. Stanly Jones Retnam.B	ICREMS 2016/NICHE	Mechanical characterization of woven bidirectional natural fiber reinforced polymer	OCTOBER 2017
6	Dr. Stanly Jones Retnam.B	National Conference, CHAKRA .	Characterization of algae as bio-fuel for IC engines,	Two, March 2017
7	Dr. Stanly Jones Retnam.B	National Conference, CHAKRA .	Characterization of rubber seed oil for IC engine	Two, March 2017
8	Dr. Stanly Jones Retnam.B	ICAAM 2017	ALTERNATIVE DIESEL FUELS-A REVIEW	2017
9	Dr. Pradeep	National workshop/ automobile Department/NICHE	Ansys Workbench	OCTOBER 2017
10	Dr. Pradeep	Workshop/ automobile department/NICHE	rapid prototyping using 3d printer	FEBRUARY 2017
11	Darwins. A.K	ICSTEM"17/KIT-coimbatore	Evaluation of tensile & hardness properties for fsw ze42 mg alloys	March 2017

**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	Dr. Stanly Jones Retnam.B	Chair Person	Conference	MECHARNIC	11 and 12 feb 2017 MECHARNIC 2016
2	Dr. Stanly Jones Retnam.B	Resource person-	Induction program	Emotional intelligence	10-8-2017to21-8-2017
3	Dr. Stanly Jones Retnam.B	Resource person -	International conference	International conference on advance innovations in Engineering and technology	14 and 15 feb 2017

### 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. Stanly Jones Retnam.B	Organizing Secretary-VENTURA 2K17	National	06 and 07 April 2017

### 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	S. Robin Divahar, C. Sudhahar, J. Edwin Rajadhas, L.M. Karthikeyan	Identification of Influencing Factors for the Selection Reverse logistics Service Provider using DEMATEL method	1748-1260	8, 4	December 2017	361 - 380
2	Ramanan, G., Neela Rajan, R.R., Diju Samuel, G., Rajesh Prabha, N., Pradeep, P.	Multiple response characteristics optimization of wedm parameters for aa7075 composites by response surface grey relative analysis	International Journal of Mechanical Engineering and Technology 0976-6359	8 6	2017	667-677
3	Dr. Stanly Jones Retnam.B	Taguchi based genetic approach for optimizing the PVD process parameter for coating ZrN on AZ91D magnesium alloy,	Materials and Design ISSN 0264-1275	90	(2016)	713-722
4	Dr. Stanly Jones Retnam.B	A Review on Extraction of Bamboo Fibres And Its Properties	IRD India ISSN 2347-7601		2017	22-27
5	Dr. Stanly Jones Retnam.B	Mechanical Characterization on woven bidirectional fiber reinforced polymer composites,	International journal of future revolution in computer science and communication engineering ISSN 2454-4248		2017	134-136

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
6	Dr. Stanly Jones Retnam.B	Analysis of mechanical properties of hybrid bamboo/jute fibers reinforced and vinyl ester composite material,	IJMET 0976-6340		2017	318-324
7	Dr. Stanly Jones Retnam.B	Material characteristic study and fabrication of HA with PLA for orthopaedic implants,	Middle east journal of scientific research 1990-9233		2017	1491-1500,
8	Darwins, A.K	Effect of friction stir welding process on mechanical properties and microstructure of ZE42 magnesium alloy	International Journal of Mechanical and Production Engineering Research and Development	7 6	2017	429-436
9	Darwins, A.K	Effect of process parameters on microstructure and mechanical properties of friction stir welded ZE42 magnesium alloy	International Journal of Mechanical Engineering and Technology	8 10	2017	484-492
10	Pradeep, P.	Multiple response characteristics optimization of wedm parameters for aa7075 composites by response surface grey relative analysis	International Journal of Mechanical Engineering and Technology		2017	
	Pradeep, P.	Mechanical Property Evaluation of Palm/Glass Sandwiched Fiber Reinforced	IOP Conference Series: Materials Science and Engineering		2017	



S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		Polymer Composite in Comparison with few natural composites				

### 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 2017-18		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		M	F
	UG Programme	-	28		8	9			5	4			2											36	
	PG Courses																								
	M.Phil. Programme																								
	Ph.D Programme																								
	Diploma Certificate Courses (if any)																								
	MOOC/NPTEL/UGC online courses offered																								
	<b>Total</b>																								

**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: NIL**

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

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:**

<b>Name of the Placement co-ordinator :</b>			
<b>Phone/Mobile Number :</b>		<b>e-mail:</b>	
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	18	
2	Number of Placements obtained through Campus Interview	18	
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	100	

**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.	
	Programme Committee	5-7-2018

**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			

**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	
2	Books added during the year 2015	27	8	No. of CDs and Digital Books Available	8
3	No. of Indian Journals/ Magazines	87	9	No. of Foreign Magazines/Journals	5

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
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	NAD 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 : |

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. Others

SI.NO	Name	Title of the Program	Duration
1.	Dr.B.Stanly Jones Retnam	Exploring Experiential learning in Higher Education(FDP)	19-12-2017
2.	Dr Edwin Raja Dhas	Exploring Experimental Learning In Higher Education (FDP)	19-12-2017

\*\*\*\*\*

**NAME OF THE DEPARTMENT:****1. Department Details : AIRCRAFT MAINTENANCE ENGINEERING**

Name of the School	<b>Aeronautical Engineering</b>
Name of the HOD, Phone No. and E-mail ID	<b>Prof. Chanan Lal Ojha</b>
Year of Establishment	<b>2013</b>
Telephone Number	<b>9497852738</b>
Website / E mail	<b>Chamanlal.ojha@gmail.com</b>
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.	S.Nalinakshan Nair	B.Tech equivalent, AME	Accountable Manager	AME	15		<a href="mailto:snalinakshan@yahoo.com">snalinakshan@yahoo.com</a> 994666103
2.	M.Shreedharan Nair	AME	Deputy Chief Instructor	AME	10		srreedhar.nair47@gmail.com 9400274976
3.	J.Benita	M.E.,Ph.D.	Assistant Professor	Communication	16	-	<a href="mailto:beni.bless@gmail.com">beni.bless@gmail.com</a> / 9944378884
4	HariKumar	M.E.,	Assistant Professor	Applied Electronics	5		<a href="mailto:jas6508@gmail.com">jas6508@gmail.com</a> 9894479897

**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.

**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. : 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. 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	J.Benita	Block Allocation Strategy for Multiple Input Multiple Output (MIMO)-Orthogonal Frequency Division Multiple Access (OFDMA) System	Print ISSN:092 9-6212	Vol. 101 Issue 3	August, 2018	12011-1219

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

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

S. NO	Name of the Programme / Branch of study	Enrolment during 2017-18		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				
	UG Programme	-	20	20													8	-	9	-	3	-	66%	
	PG Courses																							
	M.Phil. Programme																							
	Ph.D Programme																							
	Diploma Certificate Courses (if any)																							
	MOOC/NPTEL/UGC online courses offered																							
	<b>Total</b>																							

**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., Aircraft Maintenance Engineering	Indian	Kerala	16		16

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

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

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
				8	2	8	2	9	3	9	3	9	3	9	3	9	3

### 17. Placement Details:

<b>Name of the Placement co-ordinator : K.samuel</b>			
<b>Phone/Mobile Number :</b>	<b>8122228778 e-mail:</b>		
<b>Number of Placement Programmes:</b>			
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: |

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	27-07-2018, 25-08-2018, 15-09-2018
2	BOS	25-04-2018



**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	554	7	No. of titles available	193
2	Books added during the year 2018	-	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	5	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	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 : I**

**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

**NAME OF THE DEPARTMENT: BIOMEDICAL SCIENCES AND TECHNOLOGY**

**1. Department Details :**

Name of the School	<b>NOORUL ISLAM CENTRE FOR HIGHER EDUCATION</b>
Name of the HOD, Phone No. and E-mail ID	Dr.M.Murugan
Year of Establishment	2009
Telephone Number	<b>9486856110</b>
Website / E mail	<a href="mailto:muruganbt@niuniv.com">muruganbt@niuniv.com</a>
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 Ethnobotany	40	35	<a href="mailto:bioprasad@gmail.com">bioprasad@gmail.com</a> , 9994174942
2.	Dr.M.Murugan	Ph.D	Associate Professor & HOD	Molecular genetics	16	17	<a href="mailto:muruganbt@niuniv.com">muruganbt@niuniv.com</a> 9486856110
3.	Dr.S.Albert Jerome	Ph.D	Associate Professor	Biomedical signal processing and Instrumentation	15	7	<a href="mailto:albert_s@rediffmail.com">albert_s@rediffmail.com</a> , 9894214933
4.	Dr.I.Sowmy	Ph.D	Assistant Professor	Wireless Communication	11.4	-	<a href="mailto:sowmymni@yahoo.com">sowmymni@yahoo.com</a> 9994703309
5.	Ms.V.Femi	M.Tech.	Assistant Professor	BioMEMS, medical Optics	7	-	<a href="mailto:femivm87@gmail.com">femivm87@gmail.com</a> 9789527971
6.	Mr.S.G.Saju Simon	M.Tech.	Assistant Professor	Biomedical Instrumentation	4	-	<a href="mailto:sajusimon.nta@gmail.com">sajusimon.nta@gmail.com</a> , 9946215178
7.	Ms.R.S.Saranya	M.E	Assistant Professor	Biomedical Instrumentation	1	-	<a href="mailto:Sansaranya15@gmail.com">Sansaranya15@gmail.com</a> 8870365509
8.	Ms.Lisha Daniel	M.E	Assistant Professor	Bio sensors	1.4	-	<a href="mailto:lishacmi@gmail.com">lishacmi@gmail.com</a> 7639241642

9.	Dr. Mansoor Ani Najeeb. N	M.Tech., Ph.D	Associate Professor & Program Coordinator	NanoBio sensors	7	4	<a href="mailto:animansoor@gmail.com">animansoor@gmail.com</a> 9961231666
10.	Mr.T. Murugan	M.Sc., DBI., SET	Assistant Professor	Microbial Surfactants	2	5	<a href="mailto:tmurugamb@gmail.com">tmurugamb@gmail.com</a> 9894046454
11.	Mrs Moniclekha	M.Sc., (Ph.D)	Assistant Professor	Rehabilitation sciences	1	4	<a href="mailto:moniechand@gmail.com">moniechand@gmail.com</a> 7598627829
12.	Mrs J.P. Janu	M.Sc., M.Phil.,	Assistant Professor	Bioinformatics	1	-	<a href="mailto:janubioinformatics@gmail.com">janubioinformatics@gmail.com</a> 9944731631
13.	Mr Aswin		Assistant Professor	Forensic sciences	1	-	<a href="mailto:aswinm1117@gmail.com">aswinm1117@gmail.com</a> 9633925393
14.	Dr. RajaBrindha	M.Sc., Ph.D	Assistant Professor		12	4	<a href="mailto:bindhasubin@gmail.com">bindhasubin@gmail.com</a> 9751145788
15.	Mrs Akihla Aravind	MASLP	Assistant Professor		1	-	<a href="mailto:Malu_akhila@yahoo.co.in">Malu_akhila@yahoo.co.in</a> 9995680904

### 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.

### 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. Albert Jerome	TNSCS T	ALCOHOL & HEARTBEAT RATE DETECTION SYSTEM FOR PREVENTING VEHICLE ACCIDENTS	Jan-18	April -18	10000

### 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	National Conference on „Molecular disease, Malakara Catholic college, Kaliyakavillai	Molecular Disease diagnosis	08-01-18

2.	Lisha Daniel	National Conference on Recent Advances in Engineering, Science and Technology	Participated	07-04-2018
3.	R.S.Saranya	National Conference on Recent Advances in Engineering, Science and Technology	Participated	07-04-2018
4.	V.Femi	National Conference on Recent Advances in Engineering, Science and Technology	Participated	07-04-2018
5.	Dr.I.Sowmy	National Conference on Recent Advances in Engineering, Science and Technology	Participated	07-04-2018
6	Dr. Mansoor Ani Najeed. N	National Conference on Recent Advances in Engineering, Science and Technology	Participated	07-04-2018
7	Mr.T. Murugan	National Conference on Recent Advances in Engineering, Science and Technology	Participated	07-04-2018

**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. :**

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr. M. Murugan	Resource person	National Seminar	Molecular Disease Diagonosis	8 <sup>th</sup> Jan, 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
	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	I.Sowmy,Dr.J.Ja yakumari	An efficient Radon mapped discrete wavelet transform based algorithm for MC-CDMA system	International Journal of Enterprise Network Management	8	2017	155-165

2.	<b>M.A. Najeeb,</b> Zubair Ahmad, R.A. Shakoor, Abdulla Alashraf, Jolly Bhadra, N. J. AL Thani, Shaheen A. Al-Muhtaseb and A. M. A. Mohamed.	Growth of MAPbBr <sub>3</sub> perovskite crystals and its interfacial properties with Al and Ag contacts for perovskite solar cells.	Optical Materials	73	2017	p 50-55
3.	M. Arunachalam, P.Sivakuamr and M.Murugan	Descriptions of five new species of Neolissochilus Rainboth, 1985 (Cypriniformes: Cyprinidae) from streams/rivers of the Western Ghats, peninsular India	Fish Taxa	2	2017	1-27
4.	T.Murugan, V. Ravikumar, M. Murugan and B. Chitra	Synthesis and characterization of environment friendly silver nanoparticles	Journal of Pharmaceutical Sciences Research	9	2017	1545- 1548
5.	SajuSimon.S.G, AdheenaDelip, Josfin. V. Joy	Heart Attack Analysis Using Smart Phone	International Journals of Advances researches is science and engineering	06	2017	281 - 258
6.	SajuSimon.S.G, X. Felix Joseph	Pre-Processing Of Dental X-Ray Images Using Adaptive Histogram Equalization Method	Journal of advanced research in dynamical & control systems	09	2017	27 - 32
7.	T.Murugan, M. Murugan and J. Albino Wins	Rhamnolipid Biosurfactants produced by <i>Pseudomonas</i> sp. MK5 and its Efficacy on Pharmaceutical Application	Research Journal of Pharmacy and Technology	10	2017	2645- 2649
8.	G. Sasikumar, T. Selvamohan, G. Immanuel, M. Murugan	Improved mass production of probiotic bacteria using low cost medium	International Journal of Research in Engineering and Bioscience	5	2017	36-38

9.	T.Murugan and M. Murugan	Antibacterial effect of Surface active agent produced by <i>Pseudomonas</i> sp. isolated from Saltpan	Journal of Pharmaceutical Sciences Research	10	2018	196-197
----	--------------------------	---	---	----	------	---------

### 9. Details of patents applied/registered:

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

### 10. Publications of Books/Monographs:

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

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

S. NO	Name of the Programme / Branch of study	Enrolment during 2017-2018		Total	Community												Existing Students, Strength						Pass Percentage of out going 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	2	3	1	1	2	97.36
	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			M.Sc., HGMB	04								

**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	48	34	45	24	49	30	47	29	34	22	34	29	38	31	38	33

**17. Placement Details:**

<b>Name of the Placement co-ordinator :</b>			
<b>Phone/Mobile Number :</b>		<b>e-mail:</b>	
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	6
2	Number of Placements obtained through Campus Interview	1	6
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1:16	6:22

**18. Outstanding achievements by the Faculty Members: I**

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.	First Programme Committee(Odd Semester)	12-07-2017	
2.	Second Programme Committee(Odd Semester)	24-08-2017	
3.	First Programme Committee(Even Semester)	08-02-2018	
4.	Second Programme Committee(Even Semester)	19-03-2018	
5.	Third Programme Committee(Even Semester)	17-04-2018	
6.	First Staff Meeting(Odd Semester)	19-08-2016	
7.	Second Staff Meeting (Odd Semester)	03-10-2016	
8.	Third Staff Meeting (Odd Semester)	23-11-2016	
9.	Fourth Staff Meeting (Odd Semester)	05-12-2016	
10.	First Staff Meeting(Even Semester)	08-01-2018	
11.	Second Staff Meeting(Even Semester)	07-03-2018	
12.	BOS	08-02-2018	
13.	BOS	08-05-2018	

**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	Blood donation camp	Public	03-03-2018	Government District Head Quarters Hospital, Thuckalay



### 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	-
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	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 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 Fundamentals of Biomedical Instrumentation	4/6/2018

\*\*\*\*\*

## NAME OF THE DEPARTMENT: CIVIL ENGINEERING

### 1. Department Details:

Name of the School	Civil Engineering
Name of the HOD, Phone No. and E-mail ID	Dr. M. Beena Mol & Mr. J. Prakash Arul Jose, 9486856129, <a href="mailto:beena.civil@gmail.com">beena.civil@gmail.com</a> , <a href="mailto:prakashjose11@gmail.com">prakashjose11@gmail.com</a>
Year of Establishment	2006
Telephone Number	9486856129
Website / E mail	<a href="mailto:civniu@gmail.com">civniu@gmail.com</a>

### 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	Geology	48	34	
2	Dr. M. Beena Mol	M.E, Ph.D	Associate Professor	Structural Engg	8	1	<a href="mailto:beena.civil@gmail.com">beena.civil@gmail.com</a> & 9578930932
3	Mr. J.Prakash Arul Jose	M.Tech	HOD/CE	Structural Engg.	28	-	prakashjose11@gmail.com
4	Mr. D. Allwin	M.E	Assistant Professor	Hydrology & water Resource Engg	9.2	-	<a href="mailto:winniu@ymail.com">winniu@ymail.com</a> & 9842136552
5	Ms. N. Alex Dorwina	M.E	Assistant Professor	Hydrology & water Resource Engg	8.4	-	<a href="mailto:alex85dorwina@yahoo.co.in">alex85dorwina@yahoo.co.in</a> & 9442271710
6	Mr. R. Muthu Uthayan	M.E	Assistant Professor	Construction Management	7.1	-	<a href="mailto:muthuuthayan@gmail.com">muthuuthayan@gmail.com</a> & 9894981986
7	Ms. B. Soniya	M.E	Assistant Professor	Soil Mechanics & Foundation Engg	6.2	-	<a href="mailto:soniya.sheeba@yahoo.com">soniya.sheeba@yahoo.com</a> & 9443506612
8	Mr. S. Mathan Kumar	M.E	Assistant Professor	Environmental Engg	5.8	-	<a href="mailto:mathankumar.lingam@gmail.com">mathankumar.lingam@gmail.com</a> & 7598289166
9	Ms. J. Shalini	M.E, (Ph.D)	Assistant Professor	Structural Engg	5.4	-	<a href="mailto:shalinijaba@gmail.com">shalinijaba@gmail.com</a> & 9488477343
10	Ms. R. Roselin	M.Tech, (Ph.D)	Assistant Professor	Structural Engg	6.4	-	<a href="mailto:rose_civil@yahoo.co.in">rose_civil@yahoo.co.in</a> & 8903706756
11	Mr. S. Sunil Kumar	M.E	Assistant Professor	Structural Engg	5.4	-	<a href="mailto:sskme1986@gmail.com">sskme1986@gmail.com</a> & 9003353631
12	Mr. N. Ajin	M.E	Assistant Professor	Construction Management	1	-	<a href="mailto:ajin.nithin@gmail.com">ajin.nithin@gmail.com</a>

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1.	Dr. V. Narayanan Nair	-	-	-	8	-	-		0.68	-	-	-	-	-	-
2.	Dr. M. Beena Mol	4	4	-	16	1	116		0.72	-	-	-	-	-	5
3.	Mr. J.Prakash Arul Jose	-	-	1	11	-	-		0.69	-	-	-	-	-	-
4.	Mr. D. Allwin	-	-	-	11	-	-		0.68	-	-	-	-	-	-
5.	Ms. N. Alex Dorwina	-	-	-	-	-	-		0.67	-	-	-	-	-	-
6.	Mr. R. Muthu Uthayan	-	-	-	1	-	-		0.66	-	-	-	-	-	-
7.	Ms. B. Soniya	-	-	-	-	-	-		0.66	-	-	-	-	-	-
8.	Mr. S. Mathan Kumar	-	-	-	1	-	-		0.67	-	-	-	-	-	-
9.	Ms. J. Shalini	-	-	-	-	-	-		0.68	-	-	-	-	-	-
10.	Ms. R. Roselin	-	-	-	-	-	-		0.68	-	-	-	-	-	-
11.	Mr. S. Sunil Kumar	-	-	-	-	-	-		0.68	-	-	-	-	-	-
12.	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					
2						

### 5. a) Participation of the Faculty member 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	Nil			
2				

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

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. Organized	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 No.	Year of Publication	Page(pp)
1	J. PRAKASH ARUL JOSEJ , P Rajesh Prasanna,	Experimental Study On PFRP Confined RC Driven Piles Subjected To Vertical Loads	Journal of Civil Engineering & Technology (IJCIET) - Scopus Indexed- . ISSN Print: 0976-6308 and ISSN Online: 0976-6316	.Volume:9, Issue:4,	2018	1307-1315.
2	J. PRAKASH ARUL JOSE & Rajesh Prasanna	Performance of AFRP Confined RC Driven Piles Subjected to Vertical Loads	International Journal of Civil Engineering and Technology (IJCIET)	Volume 9, Issue 4,	2018	1298-1306
3	J. PRAKASH ARUL JOSE, P. Rajesh Prasanna 2, Fleming Prakash	Technical Feasibility Study of GFRP Confined RC Driven Piles - New Construction Methodology”	International Journal of Mechanical Engineering and Technology (IJMET)ISSN Online: 0976 - 6359	Volume 9, Issue 5,	2018	145 - 153
4	J. PRAKASH ARUL JOSE, P. Rajesh Prasanna 2, Fleming Prakash	Feasibility Study of CFRP Confined RC Driven Piles Subjected To Vertical Loads - New Construction Methodology”	International Journal of Mechanical Engineering and Technology (IJMET)ISSN Online: 0976 - 6359	Volume 9, Issue 5,	2018	136 - 144

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
5	J. PRAKASH ARUL JOSE, P. Rajesh Prasanna 2, Fleming Prakash	Technical Performance Of Basalt Fiber Reinforced Polymer BFRP Confined RC Driven Piles New Construction Methodology	International Journal of Engineering & Technology	7 (3)	2018	1685-1689
6	J. PRAKASH ARUL JOSE, P. Rajesh Prasanna 2, Fleming Prakash	New Construction Methodology- Geothermal Cogeneration Plant Efficiency Improvements for Environmental And Economic Sustainability Using Waste Heat Recovery System	International Journal of Engineering & Technology	7 (3)	2018	1679-1688
7	J. PRAKASH ARUL JOSEJ. M. MURUGAN and FLEMING PRAKASH	Experimental Study Of Basalt Fibre Reinforced Polymer Confined RC Driven Piles Subjected to Vertical Loads	Journal of Civil Engineering & Technology (IJCIET) - Scopus Indexed- . ISSN Print: 0976-6308 and ISSN Online: 0976-6316	.Volume:9, Issue:6,	2018	1307-1315.
8	J. PRAKASH ARUL JOSE Rajesh Prasanna, Fleming Prakash	An Eco-Friendly New Construction Methodology Supporting High Market Feasibility	Journal of Engineering and Applied Sciences, 12: 2339-2346 ISSN 1818-7803	Volume: 12 Issue: 9	2017	2339-2346
9	J Prakash Arul Jose , P Rajesh Prasanna, Fleming Prakash	Lean Design Strategy of Waste Minimization in Construction Industries	International Journal of Applied Engineering Research ISSN 0973-4562	Volume 13, Number 6	(2018)	pp. 4593-4598
10	J Prakash Arul Jose1 , P Rajesh Prasanna, Fleming Prakash	Design of Flyover Construction Based on Fibre Reinforced Concrete And	International Journal of Applied Engineering	Volume 13, Number 6	(2018)	4076-4082

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		Timber Pile Foundation	Research ISSN 0973-4562			
11	J Prakash Arul Jose , P Rajesh Prasanna, Fleming Prakash	Grancrrete-An Innovative Building Construction Material	International Journal of Applied Engineering Research ISSN 0973-4562	Volume 13, Number 6	(2018)	4032-4037

### 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:

S. NO	Name of the Programme / Branch of study	Enrolment during 2017-18		Total	Community												Existing Students, Strength			Pass Percentage of out going 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
1	UG Programme	6	43	49	7	3	1	2	1	1	3	0	-	-	-	-	-	6	6	4	4	6	1	70%
2	PG Courses	3	7	10	3	2	4	1	-	-	-	-	-	-	-	-	-	7	3	-	-	-	-	95%
3	M.Phil. Programme																							
4	Ph.D Programme	1	4	5	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-10
5	Diploma Certificate Courses (if any)																							
6	MOOC/NPTEL/UGC online courses offered																							
	Total	10	54	64	12	65	23	14	1	1	3	0	-	-	-	-	-	72	96	44	46	62	11	

**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 Civil	Indian	Kerala	132	8	140
2	M.E Structural	Indian	Kerala	10	5	15
2	M.E Structural	Indian	Nagaland	1	-	1

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

S. No	UG		P.G.		M. Phil.			Ph.D.				
		Total	M/ F	Total		FT	PT	Total		FT	PT	Total
1.			6/ 3	9		-	-	-		-	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	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
1.	B.E/ Civil Engineering	52	14	43	18	67	18	65	28	50	19	48	22	73	32	71	28
2.	M.E/ Structural Engineering	10	7	10	6	9	8	9	9								

**17. Placement Details:**

<b>Name of the Placement co-ordinator : Mr. D. Allwin</b>			
<b>Phone/Mobile Number : 9842136552e-mail: <a href="mailto:win8039@gmail.com">win8039@gmail.com</a></b>			
<b>Number of Placement Programmes: 4</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	02	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)	0.0323	0.154

**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.	Programme Committee	26/07/2017, 27/10/2017, 16/02/2018, 16/04/2018
2.	BOS	11/05/2018

**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
1.	Structural Engineering Laboratory	Loading Frame	1	Research

**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. N. Alex Dorwina**

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1018	7	No. of titles available	820
2	Books added during the year 2015	329	8	No. of CDs and Digital Books Available	36
3	No. of Indian Journals/Magazines	115	9	No. of Foreign Magazines/Journals	Nil



S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
4	No. of data bases available	Nil	10	No. of Online Journals	24
5	Average No. of students visiting the Library per day	6	11	Average No. of books Issued per day	3
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	Nil	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	6	Scanner		1
2	Laptops		1	7	Network		2
3	Printer		2	9	Smart Class		1
4	LCD Projector		2				

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

#### 30. Others

Sl.NO	Name	Title of the Program	Duration
1.	Mr. D. Allwin	Faculty Development and Training Programme on "Design of Steel structures"	05-12-2017 to 09-12-2017
2.	Mr. R. Muthu Uthayan	Faculty Development and Training Programme on "Design of Steel structures"	05-12-2017 to 09-12-2017
3.	Mr. S. Mathan kumar	Faculty Development and Training Programme on "Design of Steel structures"	05-12-2017 to 09-12-2017

\*\*\*\*\*

**NAME OF THE DEPARTMENT: COMPUTER SCIENCE & ENGINEERING**

**1. Department Details:**

Name of the School	
Name of the HOD, Phone No. and E-mail ID	<b>Dr. Julia Punitha Malar Dhas</b> <b>9442759814</b> <a href="mailto:julaps113@yahoo.com">julaps113@yahoo.com</a>
Year of Establishment	<b>1989</b>
Telephone Number	<b>9486856118</b>
Website / E mail	<a href="mailto:hodcse@niuniv.com">hodcse@niuniv.com</a>
Special Status : (if any)	

**2. Details of Faculty Members:**

S. No.	Name of the Faculty	Qualifi-cation	Designation	Specialisa-tion	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			9486856113
2.	DR. JULIA PUNITHA MALAR DHAS	B.E., M.E., Ph.D.	PROFESSOR	Wireless Networks			9486856118
3.	DR. J. AMAR PRATAP SINGH	B.E., M.E., Ph.D.	PROFESSOR	Wireless Networks			9486856111
4.	DR. R. CHITRA	B.E., M.E.	ASSOC. PROF.	Image Processing			9443841910
5.	DR. R. KALAISELVI	B.E., M.E.	ASSOC. PROF.	Cloud Computing			9444859352
6.	DR. S. VINILA JINNY	B.E., M.E., Ph.D.	ASSOC. PROF.	Data Mining			9489283126
7.	DR. C. P. MAHESWARAN	B.E., M.E., Ph.D.	ASSOC. PROF.	Cellular Networks			9894472239
8.	DR. R. SUJI PRAMILA	B.E., M. Tech., Ph.D.	ASSOC. PROF.	Networks			9894980636
9.	DR. J. E. JUDITH	B.E., M.E., Ph.D.	ASSOC. PROF.	Data Mining			9443130175
10	MRS. P. O. SINCIYA	B.E., M.E., Ph.D.	ASST. PROF.	Data Mining			7598221021
11	MRS. G. VENIFA MINI	B.E., M.E., Ph.D.	ASST. PROF.				9442634526
12	DR. A. ANITHA	B.E., M.E., Ph.D.	ASST. PROF.	Networks			9486473593
13	DR. I. BERIN JEBAJINGLE	B.Tech., M.E.	ASST. PROF.	Data Mining			9865031182
14	DR. P. VENKADESH	B.E., M.E., Ph.D.	ASST. PROF.	Networks			9994433554
15	MRS. A. M. ANUSHA BAMINI	B.E., M.E., Ph.D.	ASST. PROF.	Cloud Computing			9677399710

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1.	Dr.A.Shajin Nargunam	1	3	03	29	3	48	-	-	1	1	01	07	01	08
2.	Dr.Julia Punitha Malar Dhas	-	01	03	27	01	08	81	83	1	1	01	04	01	03
3.	Dr.J.Amar Pratap Singh	-	02	02	24	02	07	-	-			02	02	-	02
4.	Dr.R.Chitra	-	01	0	08	01	01	78	82						
5.	Dr.R.Kalaiselvi	-	01	01	12	-	10	76	80	1	1			01	05
6.	Dr.S.Vinila Jinny	-	02	-	07	-	05	78	81					-	04
7.	Dr.C.P.Maheswaran	01	01	01	08	-	03	75	79	1	1			01	04
8.	Dr.R.Suji Pramila	-	01	03	13	01	05	79	82	1	1			01	04
9.	Dr.J.E.Judith	-	02	01	10	05	12	77	82					-	06
10.	Mrs.P.O.Sinciya	-	-	-	05	0	0	78	81					-	-
11.	Mrs.G.Venifa Mini	01	01	02	05	01	03	78	81					-	-
12.	Dr.A.Anitha	-	02	01	17	01	14	79	80	1	1			01	04
13.	Dr.I.Berin Jeba Jingle	-	01	-	06	01	04	77	78					-	-
15.	Dr.P.Venkadesh	-	01	01	10	01	03	78	80	1	1			01	01
16.	Dr.A.M.Anusha Bamini	-	02	-	05	02	06	76	79					-	-

**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.	Dept. of CSE	Seminar – CCNA Networking	State	08/08/2017
2.		1-day workshop - Photoshop & Adobe Illustrator	Department	06/04/2018
3.		2-day workshop - Python Programming	State	April 11 <sup>th</sup> & 12 <sup>th</sup> , 2018
4.		National Level Technical Symposium “TECHLIGA ‘18”	National	March 27 <sup>th</sup> , 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)

**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 2017-18		Total	Community														Existing Students, Strength			Pass Percentage of outgoing batch			
		F	M		OC	BC	BCM		MB C/ DN C		S C		SC A		ST	II		III		IV	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	
1	UG Programme	10	50	60	8	1	1	5	2	1	2	2	1	1					24	3	14	1	12	6	77.41 %
2	PG Courses	1	2	3	1			1		1									3	7					100%
3	M.Phil. Programme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Ph.D Programme	15	12	27	4	4	9	7		1		2													
5	Diploma Certificate Courses (if any)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	MOOC/ NPTEL/ UGC online courses offered																								
	Total	26	64	90																					

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

S. No.	Degree and Subject	Nationality	State				Number of Students		Total
			TAMILNADU		KERALA		Male	Female	
			M	F	M	F			
1	II - BE CSE	INDIAN	11	3	13	-	24	3	27
2	III - BE CSE	INDIAN	3	-	11	1	14	1	15
3	IV - BE CSE	INDIAN	6	3	6	3	12	6	18
<b>PG DEGREE</b>									
4	I - ME CSE	INDIAN	-	1	2	-	2	1	3
5	II - ME CSE	INDIAN	-	2	3	5	3	7	10

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

S. No	UG		P.G.		M. Phil.				Ph.D.			
	Appeared	Total	Appeared	Total	Appeared	FT	PT	Total		FT	PT	Total
1.	31	24	10	10	-	-	-	-	27			

**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.	Pas s	Ap p.	Pas s	Ap p.	Pas s	Ap p.	Pas s	Ap p.	Pas s	Ap p.	Pas s	Ap p.	Pas s	Ap p.	Pas s
1.	B.E	26	5	26	3	16	5	14	4	18	12	18	5	30	23	31	24
2.	M.E	03	3	03	2	10	7	10	10								

**17. Placement Details:**

<b>Name of the Placement co-ordinator : Dr. P.Venkadesh</b>			
<b>Phone/Mobile Number :</b>		<b>e-mail: <a href="mailto:pvenkadesh2002@gmail.com">pvenkadesh2002@gmail.com</a></b>	
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	14	03
2	Number of Placements obtained through Campus Interview	14	03
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	(17/30) 56.67	

### 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	Nejin Mubarak T.R	Third Place in Blitzkreig (Gaming) at NIT, Calicut	-
2	Vishnu Vinayak Sharma	Third Place in 400 M Race at NICHE	-
	Sreethumol S	Second Place in Kabaddi at NICHE	-
4	Steffy Ann Kuruvila	Second Place in 400 M Relay at NICHE	-
5	Steffy Ann Kuruvila	Third Place in Kabaddi at NICHE	-
6	Steffy Ann Kuruvila	First Place in Throw Ball at NICHE	-
7	Sahal P A	First Place in Foot Ball at NICHE	-
	Sahal P A	Second Place in Cricket at NICHE	-

### 20. Department Meetings Held :

#### BOS, Programe Committee, Course Committee etc.

Sl.No.	Name	Date	Agenda
1.	<p align="center"><b>Internal BOS Meet</b></p> <p><b>Members Present</b>            Dr.Julia Punitha Malar Dhas- Chairman HOD,CSE Dept.,NICHE            Dr.A.Shajin Nargunam - Dean -Director-Academic Affairs, NICHE            Dr.J.Amar Pratap Singh – Professor, Director (Admin),NICHE            Dr.R.Kalai Selvi - Member Asso.Prof.,CSE Dept.,NICHE            Dr.R.Suji Pramila - Member Asst.Prof.,CSE Dept.,NICHE            Dr.J.E.Judith - Member Asst.Prof.,CSE Dept.,NICHE</p>	8-2-2017	<ul style="list-style-type: none"> <li>Examiners panel for practical and project work-addition/modification if any</li> <li>Subject expert list for question paper setting-addition/modification if any</li> <li>Examiners panel for theory exam paper valuation-addition/modification if any</li> <li>Analysis of previous semester question and their complexity levels.</li> <li>Queries raised in class committee/programme committee meetings regarding curriculum, syllabus and Question papers.</li> <li>Revision in curriculum structure for BE/BTech and ME/MTech programmes</li> <li>Inclusion of NCC as an Intramural Course</li> <li>Other related matters</li> </ul>
2.	<p align="center"><b>External BOS Meet</b></p> <p><b>Members Present</b>            Dr.Julia Punitha Malar Dhas- Chairman HOD,CSE Dept.,NICHE            Dr.A.Shajin Nargunam - Dean Director-Academic Affairs, NICHE            Dr.J.Amar Pratap Singh - Professor Director (Admin),NICHE            Dr.R.Kalai Selvi - Member Asso.Prof.,CSE Dept.,NICHE            Dr.R.Suji Pramila - Member</p>	5-6-2017	<ul style="list-style-type: none"> <li>Reconstitute the B.E syllabus.</li> <li>Revise the M.E syllabus.</li> <li>Other related matters</li> </ul>

Sl.No.	Name	Date	Agenda
	Asst.Prof.,CSE Dept.,NICHE Dr.J.E.Judith - Member Asst.Prof.,CSE Dept.,NICHE Dr.R.S.Rajesh- Member Prof. & Head., CSE Dept., M.S.University. Mr.R.Narayanan, - Member Ex-Vice President, TCS.		
4.	<b>External BOS Meet</b> <b>Members Present</b> Dr.Julia Punitha Malar Dhas- Chairman HOD,CSE Dept.,NICHE Dr.A.Shajin Nargunam - Dean Director-Academic Affairs NICHE Dr.J.Amar Pratap Singh - Professor Director (Admin),NICHE Dr.R.Suji Pramila - Member Asso.Prof.,CSE Dept.,NICHE Dr.J.E.Judith - Member Asso.Prof.,CSE Dept.,NICHE Ms.P.O.Sinciya - Member Asst. Prof.,CSE Dept.,NICHE Ms.G.Venifa Mini - Member Asst. Prof.,CSE Dept.,NICHE Dr.R.S.Rajesh - Member Prof. & Head., CSE Dept., M.S.University. Dr.S.Savithri, - Member Senior Principal Scientist, CSIR.	25-5-2018	<ul style="list-style-type: none"> <li>• 3rd Semester and 4th Semester Curriculum and Syllabus for B.E. &amp; M.E. Programme.</li> <li>• Other related matters with the permission of the chair.</li> </ul>

**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	1148	7	No. of titles available	
2	Books added during the year 2015		8	No. of CDs and Digital Books Available	
3	No. of Indian Journals/ Magazines	07	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	
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)		12	Availability of Language Lab	
			13	NAD 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 : 1

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. Others

Sl.NO	Name	Title of the Program	Duration
1.	Dr. R. Chitra	Python Programming	01-12-2017 to 31-12-2017
2.	Mrs. A.M.Anusha Bamini	Python Programming	01-12-2017 to 31-12-2017

**NAME OF THE DEPARTMENT: CHEMISTRY****1. Department Details :**

Name of the School	<b>Science &amp; Humanities</b>
Name of the HOD, Phone No. and E-mail ID	<b>Dr. M. Sankaranarayana Pillai Mob:9442077787</b>
Year of Establishment	<b>1989</b>
Telephone Number	-
Website / E mail	<b>msankars@yahoo.com</b>

**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.Sankaranarayana Pillai	PhD	Professor	Inorganic Chemistry	48	30	9442077787 msankars@yahoo.com
2	<b>Dr.J.Joseph</b>	PhD	<b>Associate Professor</b>	Bioinorganic chemistry	<b>9</b>	<b>8</b>	<b>9489486295 josephniche@gmail.com</b>
3	<b>Dr.T.M.Sharmila</b>	PhD	<b>Asst. Professor</b>	Bioinorganic chemistry	<b>10</b>	<b>6</b>	<b>9486089576 <a href="mailto:caalwinrs@gmail.com">caalwinrs@gmail.com</a></b>
4	<b>Mrs. E. H. Edinsha Gladis</b>	M.Phil	Teaching Assistant	Organic Chemistry	<b>2</b>		<b>9751252665 edinsha@gmail.com</b>
5	<b>Mrs. D. Arthi</b>	M.Phil	Teaching Assistant	Organic Chemistry	<b>1</b>		<b>8903937684 Arthiabs27@gmail.com</b>

**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	<b>Dr.J. Joseph</b>	International conference on molecular spectroscopy 2017 08-10 <sup>th</sup> December 2017  Mahathma Gandhi University, Kottayam, Kerala	Synthesis, characterization and pharamacological studies of copper complexes with pyrazoline derivatives	08-10 <sup>th</sup> December 2017

2		24 <sup>th</sup> ISCB International conference on Frontier Research In chemistry and Biology interface  Manipal University, Jaipur	Synthesis, Characterization and biological studies of metal complexes of pyrazoline derivatives	Jan 11 <sup>th</sup> -13 <sup>th</sup> , 2018
---	--	--	---	---

**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	Invited Speaker	International Conference	Synthesis, characterization and pharmacological studies of copper complexes with pyrazoline derivatives	M G University, Kottayam, Kerala 07-09 <sup>th</sup> Dec 2017
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	National level conference on Recent advances in Chemistry	National	28 <sup>th</sup> Feb, 2018
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)
1	J Joseph, A Suman, K Nagashri, RS Joseyphus, N Balakrishnan	Synthesis, characterization and biological studies of copper (II) complexes with 2-aminobenzimidazole derivatives	Journal of Molecular Structure	1137	2017	17-26
2	J Joseph, A Suman, N	Design, synthesis,	Applied Organometalli	31 (4)	2017	e3585-89

	Balakrishnan	characterization and biological studies of copper (II) complexes with 2-aminobenzimidazole derivatives as biomimetic agents	<b>c Chemistry</b>			
3	J Joseph, GAB Rani	Metal based SOD mimetic therapeutic agents: Synthesis, characterization and biochemical studies of metal complexes	Arabian Journal of Chemistry	<b>10</b>	<b>2017</b>	S1963-S1972
4	J Joseph, GB Janaki, K Nagashri, RS Joseyphus	Antimicrobial, antioxidant and SOD activities of copper (II) complexes derived from 2-aminobenzothiazole derivatives	Journal of Coordination Chemistry UGC Approved Journal No. 6971	<b>70(2)</b>	<b>2017</b>	242-260
5	SM Joseph, CJ Dhanaraj, J Joseph, RS Joseyphus	Synthesis, Spectral Characterization and Anticancer Studies of Some Metal (II) Complexes Derived from Imidazole-2-carboxaldehyde with 2-Amino-3-carboxyethyl-4...	Oriental Journal of Chemistry UGC Approved Journal No. 36632	<b>33(3)</b>	<b>2017</b>	1477-1482

#### 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	<b>J. Joseph, M. Sirajul Muneera,</b>	Engineering Chemistry 978-93-84295-12-7	2017	<b>2017</b>

T.M.Sharmila and E.H.Edinsha Gladis			
--	--	--	--

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

	Sanctioned	Entrollment
M.Sc Chemistry		10
M.Phil Chemistry		3
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	2	Male	-			Male			
2	Female		Female	6	Female	3			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	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	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: ELECTRICAL AND ELECTRONICS ENGINEERING

### 1. Department Details :

Name of the School	<b>Electrical and Electronics Engineering</b>
Name of the HOD, Phone No. and E-mail ID	<b>Dr.J.Arul Linsely</b>
Year of Establishment	<b>1993</b>
Telephone Number	<b>9486856130</b>
Website / E mail	<b>www.niueee.in</b>
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	Ms.F.Shamila	BSc. Engg, MSC Engg (By Research)	Professor	Power System	34Y 2 M		9037552800 <a href="mailto:shamialim@yahoo.com">shamialim@yahoo.com</a>
2	Dr.J.Arul Linsely	B.E(ECE), M.E, Ph.D	Assistant Professor/HOD	Applied Electronics	19Y 8 M		9486856130 <a href="mailto:arullinsely@gmail.com">arullinsely@gmail.com</a>
3	Dr.P.Sujatha Therese	B.E(EEE), M.E, PhD	Associate Professor	Process Control & Instrumentation	16Y 11M		9443165780 <a href="mailto:psujathatherese@yahoo.in">psujathatherese@yahoo.in</a>
4	Dr.M.Mary Synthia Regis Prabha	B.E (EEE) M.Tech, Ph.D	Associate Professor	Power Electronics and Drives	16Y 2M		9940877270 <a href="mailto:regisprabha@gmail.com">regisprabha@gmail.com</a>
5	Dr.H. Vennila	B.E (EEE) M.E, Ph.D	Assistant Professor	Power System	16Y 4M		9994273837 <a href="mailto:vennilarajesh@yahoo.co.in">vennilarajesh@yahoo.co.in</a>
6	Dr.M.P.Flower Queen	B.E (EEE) M.E, Ph.D	Assistant Professor	Applied Electronics	17Y 4M		9486680636 <a href="mailto:flower_aurther@rediffmail.com">flower_aurther@rediffmail.com</a>
7	Ms.S.Anitha Janet Mary	B.E (EEE) M.E	Assistant Professor	Applied Electronics	15Y 7M		9524633365 <a href="mailto:ani27_simon@yahoo.com">ani27_simon@yahoo.com</a>
8	Dr.Tibbie Pon Symon	B.Tech (EEE) M.E	Assistant Professor	Power Electronics	12Y 6M		7598283003 <a href="mailto:tibbiesymon@gmail.com">tibbiesymon@gmail.com</a>
9	Ms.Bindhu V.S	B.E (EIE) M.E	Assistant Professor	Power Electronics	9 Y		9629209153 <a href="mailto:bindhuvs2003@gmail.com">bindhuvs2003@gmail.com</a>
10	Dr.K.Muthuvel	B.E (EEE) M.E, Ph.D	Assistant Professor	Electronics and Control	15Y 9M		9444146936 <a href="mailto:er.muthuvel@gmail.com">er.muthuvel@gmail.com</a>



### 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.	Dr.P.Sujatha Therese		-	-	8		-				-		-		-
2.	Prof.F.Shamila		-				-				-		-		-
3.	Dr.J.Arul Linsely		-				-				-		-		-
4.	Dr.Mary Synthia Regis Prabha		1				3								
5.	Dr.M.P.Flower Queen		1				6 -				-		-		-
6.	Prof.S.Anitha Janet Mary		1				2				-		-		-
7.	Dr.V.A.Tibbie Pon Simon		1				1								
8.	Prof.V.S.B indhu		-				-				-		-		-
9.	Dr.K.Muthuvel		-				-				-		-		-

### 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	F.Shamila	International conference on Recent Advances in Engineering and Technology, Arunachala college of Engineering for Women, Vellichanthai	A Dynamic Relay Selection and delay minimization in cognitive radio networks	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2018
2	Dr. H. Vennila	International conference on Recent Advances in Engineering and Technology, Arunachala college of Engineering for Women, Vellichanthai	Optimization of Economic Dispatch in Thermal Generation using Dragon Fly Algorithm	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2018
3	Dr. H. Vennila	International conference on Recent Advances in Engineering and Technology, Arunachala college of Engineering for Women, Vellichanthai	A Dynamic Relay Selection and delay minimization in cognitive radio networks	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2018
4	Dr.J.Arul Linsely	International conference on Recent Advances in Engineering and Technology, Arunachala college of Engineering for Women, Vellichanthai	Leukocytes classification and segmentation in blood smear images- a resource aware healthcare service in cities	22 <sup>nd</sup> and 23 <sup>rd</sup> March 2018

**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	Dr.K.Muthuvel	Resource Person		Basic Circuit Design with LED	Amity University, Chennai

**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
	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 No.	Year of Publication	Page(pp)
1	M.P.Flower Queen, V.A.T ibbie Pon Simon, J.Arul Linsely	Control And Stabilization Of An Inverted Pendulum Using Ga Based Controller	International Journal of Mechanical Engineering and Technology (IJMET) 0976-6359	Volume 8, Issue 8	August 2017	748-756
2.	M.P. Flower Queen	Implementation Of Low Cost Remote-Operated Unmanned Ground Combat Vehicle Using Relay Communication	IJARIE 2395-4396	Vol-3 Issue-6	2017	822-827
3	Ms.S.Anitha Janet Mary	Optimization of PID Controller for a Nonlinear MIMO System and Comparative Performance Analysis	<i>International Journal of Mechanical Engineering &amp; Technology</i>	Volume 08, Issue 6	August 2017	777 - 787
4	F.Shamila	A Dynamic Relay Selection and delay minimization in cognitive radio networks	International journal of Image processing and networking techniques	Volume 01, Issue 1	May2018	
5	Dr. H. Vennila	Optimization of Economic Dispatch in Thermal Generation using Dragon Fly Algorithm	International journal of Image processing and networking techniques	Volume 01, Issue 1	May2018	
6	Dr. H. Vennila	A Dynamic Relay Selection and delay minimization in cognitive radio networks	International journal of Image processing and networking techniques	Volume 01, Issue 1	May2018	
7	Dr.J.Arul Linsely	Leukocytes classification and segmentation in blood smear images- a	International journal of Image processing and	Volume 01, Issue 1	May2018	

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		resource aware healthcare service in cities	networking techniques			

### 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				

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

S. NO	Name of the Programme / Branch of study	Enrolment during 2017-18		Total	Community												Existing Students, Strength						Pass Percentage of out going 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
	UG Programme	1	20	21	7	-	9	-	4	1	-	-	-	-	-	-	-	7	-	4	1	9	-	70%
	PG Courses	3	-	3	-	2	-	1	-	-	-	-	-	-	-	-	-							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	
1	B.E /EEE	INDIAN	Kerala	16	1	17

**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		Male		Male				Male	-	1	1
2	Female		Female		Female				Female	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	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(EEE )	6	1	5	2	5	3	5	0	9	8	9	5	15	10	15	11
2	M.E(A.E)					3	3	3	3								

**17. Placement Details:**

<b>Name of the Placement co-ordinator : Dr.K.Muthuvel</b>			
<b>Phone/Mobile Number : 94441 46936 e-mail: er.muthuvel@gmail.com</b>			
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	4	1
2	Number of Placements obtained through Campus Interview	4	1
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	0.29	0.5

**18. Outstanding achievements by the Faculty Members: I**

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

### 19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	Athira Lekshmi B.A	Published a paper in Scopus indexed journal	IEEE
2	Muhammed Azif	Presented a paper in a national level technical symposium	PA college of engg. Karnataka
3	Arya U.M	Published a paper in Scopus indexed journal	International journal of Image processing and networking techniques
4	Shamna R.S	Published a paper in Scopus indexed journal	International journal of Image processing and networking techniques
5	Farzana H.M	Published a paper in Scopus indexed journal	International journal of Image processing and networking techniques
6	Devipriya G.R	Published a paper in Scopus indexed journal	International journal of Image processing and networking techniques

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

S.No	Name	Date	
1.	BOS-13 BOS-14	01.02.2018 28.04.2018	Discussion of examination panels members Discuss and finalize the detailed syllabus for III ans IV sem B.E EEE for reg 2017
2.	Course Committee  Class Committee  Programme Committee etc.	25-7-2017 16-8-2017 25-9-2017  27-7-2017 22-08-2017 30-10-2017 24-1-2018 27-2-2018 28-4-2018  7-7-2017 10-8-2017 26-10-2017 2-2-2018 5-3-2018 20-4-2018	

### 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
		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	1009	7	No. of titles available	1009
2	Books added during the year 2015	123	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	No
			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.
	Nil						

**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 :**

## NAME OF THE DEPARTMENT: ELECTRONICS AND 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	<b>Dr. R. S. Vinod Kumar</b>
Year of Establishment	<b>1989</b>
Telephone Number	9489823500
Website / E mail	rs <a href="mailto:vinodkumar@niuniv.com">vinodkumar@niuniv.com</a>

### 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	25.1	13	rs <a href="mailto:vinodkumar@niuniv.com">vinodkumar@niuniv.com</a> 9489823500
2	Dr. N. Santhi	B.E,M.E, Ph.D	Associate Professor	Image Processing	27.3	13	<a href="mailto:santhi@niuniv.com">santhi@niuniv.com</a> 9486085019
3	Dr. S. Amala Shanthi	B.E,M.E, Ph.D	Associate Professor	Image Processing	23.6	13	<a href="mailto:amalashanthi@niuniv.com">amalashanthi@niuniv.com</a> 7598446730
4	Dr.G. Arockia Selva Saroja	B.E,M.E, Ph.D	Associate Professor	Image Processing & Adhoc Networks	19.3	13	<a href="mailto:arockiaselvasaroja@niuniv.com">arockiaselvasaroja@niuniv.com</a> 9443693268
5	Mr.T. Gopalakrishnan	B.E,M.E, Ph.D	Assistant Professor	Image Processing	15	7	<a href="mailto:gopalakrishnan@niuniv.com">gopalakrishnan@niuniv.com</a> 9443508904
6	Dr. M. Sucharitha	B.E,M.E, Ph.D	Assistant Professor	Image Processing	15.7	7	sucharitha@niuniv.com
7	Ms. K. Chandrakala	B.E,M.E, Ph.D	Assistant Professor	Wireless Communication	9.9	3	<a href="mailto:chandrakala@niuniv.com">chandrakala@niuniv.com</a> 9600336295
8	Mrs.D. Shahi	B.E,M.E, Ph.D	Assistant Professor	Image Processing	11.9	2	<a href="mailto:shahi@niuniv.com">shahi@niuniv.com</a> 9487720557
9	Dr. M. Mary Synthuja Jain Preetha	B.E,M.E, Ph.D	Assistant Professor	Image Processing	11.9	8	<a href="mailto:marysynthujajainpreetha@niuniv.com">marysynthujajainpreetha@niuniv.com</a> 9940877271
10	Ms. M. Sony	B.E,M.E, Ph.D	Assistant Professor	Image Processing	9.3	2	<a href="mailto:sony@niuniv.com">sony@niuniv.com</a> 9442059775
11	Dr. N. Subash	B.E,M.E, Ph.D	Assistant Professor	Image Processing	11.1	8	<a href="mailto:subash@niuniv.com">subash@niuniv.com</a> 9486954777
12	Dr. S.V.Divya	B.E,M.E, Ph.D	Assistant Professor	Data Mining	11	7	divya@niuniv.com
13	Mr. K.P.Rajesh	B.E,M.E, Ph.D	Assistant Professor	Wireless Communication	6.9	7	<a href="mailto:rajesh@niuniv.com">rajesh@niuniv.com</a> 9994188808
14	Dr. K.S.Vijula Grace	B.E,M.E, Ph.D	Assistant Professor	VLSI & Embedded System	19.11	11	<a href="mailto:vijulagrace@niuniv.com">vijulagrace@niuniv.com</a> 9789328789



### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1	Dr.R.S.Vinod kumar		1		6		6	180	538			-			8
2	Dr.N.Santhi		2	5	15		4	246	619			-			8
3	Dr.S.Amala Shanthi		1	1	7		2	180	476						4
4	Dr.G.Arocki a Selva Saroja		1	1	5		6	187	521						
5	Prof.T.Gopal akrishnan		4		3		53	160	418						
6	Prof.M.Mary Synthuja Jain Preetha		2	3	7		53	182	505						5
7	M.Sony							160	344						
8	Dr.N.Subash							70	340						
9	Dr.M.Sucharitha							85	369						
10	Rajesh.K.P							160	330						
11	Mrs.D. Shahi							150	316.5						
12	Mrs. K. Chandrakala							80	250						
13	Dr.K.S.Vijula Grace	1		5		1		150	475						4

### 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					

**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
		17 <sup>th</sup> National Technical Symposium AVENIR-2K18	National Level	22.04.18
		Workshop –Embedded System	-	23.04.18 24.04.18

**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.N.Santhi	International journal of control theory and application	A survey of control based remote sensing image	ISSN 0974-5572, Vol 10 No: 27,	2017	
2	Dr.N.Santhi	International Journal of Control Theory and Applications	Review of Dissimilar Techniques in the Platform of Content Based Image Retrieval Process	ISSN 0974-5572,10 (31), ,	2017	pp 405-418
3	Dr.N.Santhi	International journal of control theory and application	Literature survey of various type of surface defect detection	ISSN 0974-5572, Vol 10 NO: 27,2017		

**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 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
	UG Programme	5	2		1	4	1	0	0	0	0	1		-	-	-	-	-	2	5	1	2	7	3	31
	PG Courses	3	0	3	0	2	0	1	-	-	-	-	-	-	-	-	-	-	0	3	-	-	-	-	100
	M.Phil. Programme																								
	Ph.D Programme	3		3	0	1	0	1	0	1		-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	8	5	13
2	P.G Programme	Indian	Kerala	-	2	2

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

S. No	UG		P.G.		M. Phil.			Ph.D.		
		Total		Total	FT	PT	Total	FT	PT	Total
	B.E	12	M.E	1				2	8	10

### 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)						Rs.25000	Rs.25000
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	7	5	7	3	14	7	14	2	10	3	10	2	15	12	15	13

**17. Placement Details:**

<b>Name of the Placement co-ordinator : Rajesh.K.P</b>			
<b>Phone/Mobile Number :</b> 9994188808	<b>e-mail:</b> kpr.gulf@gmail.com		
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	7	6
2	Number of Placements obtained through Campus Interview	7	6
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	7/9	6/6

**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
1			

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

S.No	Name	Date	
1.	Programme Committee	2017-2018 (ODD)	2017-2018 (EVEN)
		12-07-2017	10-01-2018
		09-08-2017	14-02-2018
		28-10-2017	06-04-2018
	BOS meetings	07-02-2018, 05-05-2018	

**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.G. Gopalakrishnan

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1185	7	No. of titles available	
2	Books added during the year 2015		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 Equipme nt	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	RTL and design and functional verification	Webinar	15	15
2.	Embedded system programming-ARDUINO	workshop	25	25

## 30. Others

SI.NO	Name	Title of the Program	Duration
2.	Dr..AmalaSanthi	Webinar on RTL & Design and Functional Verification	10/11/2017
3.	Dr.G.Arockia selva saroja	Webinar on RTL & Design and Functional Verification	10/11/2017
4.	Mrs.D.Shahi	Webinar on RTL & Design and Functional Verification	10/11/2017
5.	Mr.N.Subash	Webinar on RTL & Design and Functional Verification	10/11/2017
6.	Mrs.K. Chandrakala	Webinar on RTL & Design and Functional Verification	10/11/2017
7.	Mrs.M.Sony	Webinar on RTL & Design and Functional Verification	10/11/2017
8.	Mrs.M.Mary Synthuja Jain Preetha	Webinar on RTL & Design and Functional Verification	10/11/2017
9.	Mr.T.Gopalakrishnan	Webinar on RTL & Design and Functional Verification	10/11/2017
10.	Dr.M.Sucharitha	Webinar on RTL & Design and Functional Verification	10/11/2017
11.	Dr.K.S.Vijula Grace	Webinar on RTL & Design and Functional Verification	10/11/2017
12.	Dr. R.S.Vinod Kumar	Webinar on RTL & Design and Functional Verification	10/11/2017
13.	Mr.Rajesh.K.P	Webinar on RTL & Design and Functional Verification	10/11/2017

**NAME OF THE DEPARTMENT: ELECTRONICS & INSTRUMENTATION ENGINEERING**

**1. Department Details :**

Name of the School	<b>Faculty of Electrical and Electronics Engineering</b>
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.	S.S.Kumar	M.E. Ph.D	Assoc. Professor	Applied Electronics	14	10	<a href="mailto:kumarss@live.com">kumarss@live.com</a> , 9789546665
2.	R.Manju	M.E (Ph.D)	AP	Applied Electronics	13	8	<a href="mailto:manjuria.7@gmail.com">manjuria.7@gmail.com</a> , 9994104539
3.	R.Sarath	M.E. Ph.D	AP	Applied Electronics	11	7	sarathraveendran@gmail.com/9443791259
4.	D.Jackson	M.E (Ph.D)	AP	Applied Electronics	17	10	<a href="mailto:niujackson@gmail.com">niujackson@gmail.com</a>
5.	V. Amsaveni	M.E. Ph.D	Associate Professor	Applied Electronics	13	10	amsa.kumar@ymail.com, 9790653295
6.	S. Felix Stephen	M.E (Ph.D)	A.P	Control & Instrumentation	10	7	<a href="mailto:felixstephensfs@ymail.com">felixstephensfs@ymail.com</a> , 9486117668
7.	S. Binu Sathiya	M.E (Ph.D)	AP	Applied Electronics	10.5	5	<a href="mailto:Katrina.sati@gmail.com">Katrina.sati@gmail.com</a> ,
8.	D. Menaka	M.E, Ph.D	Associate Professor	Applied Electronics	14	8	menakaberita@gmail.com
9.	J.Navis Thinagar	M.E	AP	Control & Instrumentation	8.4	3	<a href="mailto:navis.thinagar@gmail.com">navis.thinagar@gmail.com</a> 9962557742

**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	S.S.Kumar	9	9	6	6	324	324	250				3	3		8
2	V.Amsaveni	2	11			19	343	160							
3	D.Menaka	1	12			4	347	160							
4	R.Manju	1	13			5	352	150							
5	R.Sarath	2	15			11	363	150							

6	D.Jackson	0	15			0	363	195						
7	S. Felix Stephen	1	16	1	7	0	363	150						
8	S. Binu Sathiya	1	17			14	377	185						
9	J.Navis Thinagar	0	17			0	377	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						

#### 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

#### 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	S. S. Kumar	Chair Person	International Conference	IEEE International Conference on Circuits and Systems	20 <sup>th</sup> Dec 2017, Mar Baselios College of Engineering and Technology, Trivandrum
2	J. Navis Thinagar	Guest Lecture	PLC Training	Industrial Automation using PLC	8-7-2017 Arunachala College of Engineering For Women, Vellichanthai

#### 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	S.S.Kumar	Automation and Control	National	17 <sup>th</sup> and 18 <sup>th</sup> April 2018
		Advanced training in industrial automation	National	5 <sup>th</sup> and 6 <sup>th</sup> Oct 2017
2	R.Manju	Automation and Control	National	17 <sup>th</sup> and 18 <sup>th</sup> April 2018
		Advanced training in industrial automation	National	5 <sup>th</sup> and 6 <sup>th</sup> Oct 2017



S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
3	R.Sarath	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017
4	D.Jackson	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017
5	V. Amsaveni	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017
6	S. Felix Stephen	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017
7	S. Binu Sathiya	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017
8	D.Menaka	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017
9	J.Navis Thinagar	Automation and Control	National	17th and 18th April 2018
		Advanced training in industrial automation	National	5th and 6th Oct 2017

### 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	Anisha M, Kumar S.S, Benisha M	Separation of Fetal ECG from Composite Abdominal ECG	International Journal of Pure and Applied Mathematics, ISSN online:1314-3395, ISSN print: 1311-8080	Volume 116 No. 22	2017	327-333
2	S. Felix Stephen, Dr. I. Jacob Raglend	Voltage regulation using PI control of STATCOM with Firefly Algorithm	International Journal of Mechanical Engineering & Technology	Volume 8, Issue 8	2017	766-776
3	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
4	S. L. Senthil Lekha, 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

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page (pp)
5	Sukumaran Aswathy, Glan Devadhas G and <b>Kumar S S</b>	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		2018	
6	S. U. Aswathy, G. Glan Devadhas and <b>S. S. Kumar</b>	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	
7	Anshad, P.Y.M., <b>Kumar, S.S.</b> & 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	

#### 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 2015-16			Community												Existing Students, Strength						Pass Percentage of outgoing batch			
		F	M	Total	OC		BC		BCM		BC/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	M
1	UG Programme	4	42	46	2	3	3			3	1	2							1	4	8	2	2	0	2	59.09
2	PG Courses		10	10		1	0												7							85.71
	M.Phil. Programme																									
	Ph.D Programme	1		1																						
	Diploma / PG Diploma/ Certificate Courses (if any)																									
	Total	5	52	57	1	4	3			1	1								2	1	8	2	2	0	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)	Indian	Kerala	38	-	38
2	M.E (C&I)	Indian	Kerala	8	-	8
3	Ph.D(EIE)	Indian	Kerala		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		10		5	Male			Male		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					

### 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)							

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
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	09	03	08	02	14	03	14	01	09	05	10	03	22	09	22	11
2	M.E - CIE	03	03	03	02	07	04	06	05	-	-	-	-	-	-	-	-

#### 17. Placement Details:

<b>Name of the Placement co-ordinator : : J.Navis Thinagar</b>			
<b>Phone/Mobile Number : 9962557742</b>	<b>e-mail: navis.thinagar@gmail.com</b>		
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	6	2
2	Number of Placements obtained through Campus Interview	6	3
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	31%	100%

#### 18. Outstanding achievements by the Faculty Members: |

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. S. S. Kumar	Outstanding Reviewer	The Editors of COMPUTERS AND ELECTRICAL ENGINEERING, Elsevier

#### 19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	Ajesh D	Student Project of the Year	IEAE
2	Pavithra Devi M	Student Project of the Year	IEAE

#### 20. Department Meeting Held :

Programme Committee, Course Committee etc. BOS

S.No	Name	Date
1.	Programme Committee BOS Department Meeting	2/4/2018,6/3/2018,2/2/2018 30/04/2018,07/02/2018 19/05/2016, 18/7/2016, 21/10/2016, 3/1/2017, 28/3/2017, 17/5/2017

**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

**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	1135	7	No. of titles available	15
2	Books added during the year 2017-18	15	8	No. of CDs and Digital Books available	10
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	10	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	No

**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	4	7	Network	Ethernet	6
		Pentium D	15				
		Lenovo I3	3				
2	Laptops	Pentium Dual Core	1	8	Fax		-
3	Printer		-	9	Smart Class		1
4	LCD Projector		1	10	Software/ Data base		-
5	Net Connection	Wired	6	11	Others		
6	Scanner		-				

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. Others

SI.NO	Name	Title of the Program	Duration
1.	S. S. Kumar	Workshop on Embedded System Programming with ARDUINO UNO	23-03-2018 to 24-03-2018
2.	V. Amsaveni	Two Day Workshop on LaTeX	20-12-2017 to 21-12-2017
3.	D. Menaka	Workshop on Embedded System Programming with ARDUINO UNO	23-03-2018 to 24-03-2018
4.	D. Menaka	Workshop on MATLAB with Image Processing	24-04-2018 to 25-04-2018
5.	R. Manju	Two Day Workshop on LaTeX	20-12-2017 to 21-12-2017
6.	S. Felix Stephen	Two Day Workshop on LaTeX	20-12-2017 to 21-12-2017
7.	S. Binu Sathiya	Two Day Workshop on LaTeX	20-12-2017 to 21-12-2017

## NAME OF THE DEPARTMENT: ENGLISH

### 1. Department Details:

Name of the School	<b>Faculty of Science and Humanities</b>
Name of the HOD, Phone No. and E-mail ID	Prof. A. Khaleel Rahuman , 9486840283 , khaleelnu@gmail.com
Year of Establishment	1989
Telephone Number	9486840283
Website / E mail	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.
					Teaching	Research	
1.	Dr. M. L. Narayanan	M.A., M. Phil., Ph.D., D.Lings.	Prof.	Indian Writing in English	42	6	rush to ml@yahoo.com
2.	Dr. B. Krishnan	M.A., M. Phil., Ph.D.	Prof.	British Literature	42	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	12	9	<a href="mailto:mikumaran@yahoo.com">mikumaran@yahoo.com</a> 9443482904
4.	Prof. A. Khaleel Rahuman	M.A., M. Phil.	Associate Prof. & HOD	American Literature Postmodernism	24	11	<a href="mailto:khaleelnu@gmail.com">khaleelnu@gmail.com</a> 9486840283, 9486507559
5.	Dr. R. Abilasha	M.A., M. Phil. Ph.D.	AP	ELT	11	7	<a href="mailto:abilashaeng@yahoo.com">abilashaeng@yahoo.com</a> 9487082904
6.	Ms. P. Deepa	M.A., M. Phil.	AP	ELT	12	6	deepam_nice@rediffmail.com 9994850845
7.	Ms.V. S. Bindhu	M.A., M. Phil.	AP	Indian Writing in English	10	6	<a href="mailto:bindhuniu@gmail.com">bindhuniu@gmail.com</a> 9442364135
8.	Ms. J. Sheila	M.A., M. Phil., M.A., M.Sc.	AP	Canadian Literature	17	4	<a href="mailto:jsheilasofi@gmail.com">jsheilasofi@gmail.com</a> 9445150802
9.	Dr. G. Anand Binod Singh	M.A., B.Ed., M. Phil.	AP	Indian Writing in English	11	4	Anand_gk79@yahoo.co.in
10.	Ms. M. Kohila	M.A., B.Ed., M. Phil.	AP	Indian Writing in English	11	3	<a href="mailto:Kohisatha2005@gmail.com">Kohisatha2005@gmail.com</a> 9488272334
11.	Mr. M. Rakesh Babu	M.A., B.Ed., M.Phil.	AP	Canadian Literature	09	6	<a href="mailto:rakeshbabukarthika@gmail.com">rakeshbabukarthika@gmail.com</a> 9543440488
12.	Dr. R. Jinu	M.A., M. Phil., Ph.D.	AP	Subaltern Literature	13	4	<a href="mailto:jichelnu@gmail.com">jichelnu@gmail.com</a> 9442079534

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
13.	Ms. T. Deebika Cranapu	M.A., M.Phil.	TA	Indian Writing in English	02	-	deebst2014@gmail.com 9500865626
14.	Ms. G. Jeba Subha	M.A., M.Phil.	TA	African Literature	03	01	<a href="mailto:jeba.gjs@gmail.com">jeba.gjs@gmail.com</a>
15.	Ms. Juvi R. Sylfin	M. A., NET QUALIFIED	AP	British Literature	Nil	Nil	juvirsylfin@gmail.com

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1.	Dr. M. L. Narayanan	-	-	03		-	-	-		03		-		03	-
2.	Dr. B. Krishnan	-	-	02		-	-	-		-		-		02	-
3.	Dr. M. Ilankumaran	h index:1	h index:1	13		04	04	110		04		-		04	08
4.	Prof. A. Khaleel Rahuman	-	-	03		-	-	110		-		-		-	-
5.	Dr. R. Abilasha			07				110		02		-		02	-
6.	Ms. P. Deepa	-	-	0		-	-	110		-		-		-	-
7.	Ms. V. S. Bindhu	-	-	02		-	-	110		01		-		01	-
8.	Ms. J. Sheila	-	-	02		-	-	100		-		-		-	-
9.	Ms. M. Kohila	-	-	04		-	-	100		-		-		-	-
10.	Dr. G. Anand Binod Singh	-	-	-		-	-	-		-		-		-	-
11.	Mr. M. Rakesh Babu	-	-	02		-	-	100		01		-		01	-
12.	Dr. R. Jinu	-	-	02		-	-	100		01		-		02	-
13.	Ms. T. Deebika Cranapu	-	-	01		-	-	100				-		-	-
14.	Ms. G. Jeba Subha	-	-	01		-	-	100				-		-	-
15.	Ms. Juvi R. Sylfin	-	-	01		-	-	100				-		-	-



**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.	NIL		NIL	NIL	NIL	NIL

**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: 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.:**

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.	Prof. A. Khaleel Rahuman Chairperson	National Conference on English Language And Literature- NACTELL - 2018	National Level	06 April 2018
2.	Dr. M. Ilankumaran Convener	National Conference on English Language And Literature- NACTELL - 2018	National Level	06 April 2018
3.	Dr. R. Abilasha Publication Chair	National Conference on English Language And Literature- NACTELL - 2018	National Level	06 April 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.	Dr. M. L. Narayanan	Allegorical Significance in Salman Rushdie's <i>Haroun and the Sea of Stories</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Special Issue	April 2018	pp.343-347

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		Obsession and Delusion as the Major Factors in Ian McEwen's <i>Enduring Love</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Special Issue	April 2018	
		Racial and Cultural Conflict in Imran Coordia's <i>The Wedding and The Green Eyed Thieves</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Special Issue	April 2018	
2.	Dr. B. Krishnan	The Impact of Capitalism in Suzanne Collins, <i>The Hunger Games Trilogy</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Special Issue	April 2018	
		Application of Programmed Instruction in Teaching and Learning	International Journal of English Language, Literature in Humanities ISSN-2321-7065	Special Issue	April 2018	
3.	Dr. M. Ilankumaran	Short Stories as a Genre of Literature to Teach Speaking Skills	International Journal on Studies in English Language and Literature (IJSELL) ISSN: 2347-3126 (Print) & ISSN: 2347-3134 (Online)	Issue 1 Vol. 6	Jan. 2018	pp. 25-27
		Smart Classrooms: An In-built Innovation of the Millennium English Language Education	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	
		Psychological Influence of Dyslexia and Apraxia Affecting Second Language Acquisition on Young Learners	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp.81-90
		Challenges involved in ELT During Transition from Higher Secondary to Tertiary Level	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp. 31-38
		Configuring Theories and Techniques to Minimize Mother Tongue Influence (MTI) in Second Language Classrooms	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp. 17-29
		The Objectives of Teaching English as a Second Language at	International Journal of English Language and Literature in Humanities	no. 4 vol. 6	6 <sup>th</sup> April	pp. 39-52

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(p p)
		Different Levels of Learning	(IJELLH) ISSN-2321-7065 (Online)		2018	
		Importance of Accuracy in Developing English Speaking Skills	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp. 143-151
		Activity Based Learning Enhances Speaking Skills with Poetry as a Tool	International Journal of English Language, Literature in Humanities ISSN-2321-7065 (Online)	Special Issue	April. 2018	pp. 203-212
		The Harvest of Humans as Portrayed by Manjula Padmanabhan in <i>Harvest</i>	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp. 338-341
		Types of Communication Skills and the Ways and Means to Enhance Them	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp. 492-498
		Teaching English Using Programmed Instruction"	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	no. 4 vol. 6	6 <sup>th</sup> April 2018	pp. 511-521
		Fourth World Literature: A Mouth Piece of Indigenous Languages	World Literature: A Critical Outlook , PG & Research Department of English, V.O. Chidambaram College, Thoothukudi	ISBN: 978-81-928385-0-4	March 2018	pp. 1-6
		Prescriptions of Fourth World Elements at the Tertiary Level for Global Acclaim	World Literature: A Critical Outlook , PG & Research Department of English, V.O. Chidambaram College Thoothukudi	ISBN: 978-81-928385-0-4		pp. 97-100
4.	Prof. A. Khaleel Rahuman	Igbo in Ignominy – Cultural Transformation in Colonized Nigeria: A Study of Chinua Achebe's <i>Things Fall Apart</i>	International Journal of English Language, Literature in Humanities - <b>IJELLH</b> ISSN-2321-7065	Special Issue Vol. 2	Apr. 2018	pp. 343-347

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		Gender Discrimination in Shashi Deshpande's <i>The Dark Holds No Terrors</i>	International Journal of English Language, Literature in Humanities - <b>IJELLH</b> ISSN-2321-7065	Special Issue Vol. 2	Apr. 2018 Vol. 2	pp.
5.	Dr. R. Abilasha	Teaching of English for Specific and Various Purposes – A Pedagogical Perception	International Journal of Multidisciplinary Researches–A Peer Reviewed Refereed Journal ISSN: 2349-8684	Vol. 4, Special Issue: 7	Oct. 2017	pp. 44-48
		Short Stories as a Genre of Literature to Teach Speaking Skills	International Journal on Studies in English Language and Literature (IJSELL)ISSN:2347-3126 (Print) &ISSN: 2347-3134 (Online)	Vol. 6 Issue 1	Jan. 2018	pp. 25–27
		Smart Classrooms: An In-built Innovation of the Millennium English Language Education	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	vol.6 no.4	6 <sup>th</sup> April 2018	pp.348-355
		The Effects of Neurolinguistic Programming (NLP) On the Psychological Factors Affecting Language Learning	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	vol.6 no.4	6 <sup>th</sup> April 2018	pp.153-163
		Application of Programmed Instruction in Teaching and Learning	International Journal of English Humanities (IJELLH) ISSN-2321-7065 (Online)	vol.6 no.4,	6 <sup>th</sup> April 2018	pp.164-174
		Feministic Perspective in George Bernard Shaw's Pygmalion	International Journal of English Language and Literature in Humanities (IJELLH) ISSN-2321-7065 (Online)	vol.6 no.4,,	6 <sup>th</sup> April 2018	pp.123-128
		Fourth World Literature: A Mouthpiece of Indigenous Languages	World Literature: A Critical Outlook. PG & Research Department of English, V.O. Chidambaram College ISBN: 978-81-928385-0-4	-	March 2018	pp.1-6
6.	Ms. P. Deepa	Activity Based Learning Enhances Speaking Skills with Poetry as a Tool	International Journal of English Language, Literature in Humanities ISSN-2321-7065 (Online)	Special Issue	April. 2018	pp. 203-212

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		Enhancing Speaking Skills through Learning Poetry - An Analytic Perception	Roots English Language Literature and Linguistics 2349-8684	July 17	Special Issue Vol. 3	
		Double Identity in Oscar Wilde,,s The Importance of Being Earnest	International Journal of English Language, Literature in Humanities ISSN-2321-7065	April 2018	Special Issue	pp. 203-212
		Communication Enhancement through Teaching of Poetry	International Journal of English Language, Literature in Humanities ISSN-2321-7065	April 2018	Special Issue	pp.214-221
		Realism Reflected in Selected Short Stories of R . K. Narayan	International Journal of English Language, Literature in Humanities ISSN-2321-7065	April 2018	Special Issue	pp.390-396
7.	Dr. V.S. Bindhu	A Thematic Study of Anita Desai''s <i>The Village by the Sea</i>	International Journal of English Language, Literature in Humanities <b>IJELLH</b> ISSN-2321-7065	April 2018	Special Issue	
		Victimization in Nadifa Mohammad''s <i>The Orchard of Lost Souls</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	April 2018	Special Issue	
8.	Ms. J. Sheila	Realism and Racism in Mark Twain''s <i>The Adventures of Tom Sawyer</i>	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	pp. 343-347
		Freedom and Survival in Margaret Laurence''s <i>The Stone Angel</i>	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	pp. 356-361
09.	Ms. M. Kohila	The Impact of Technology and Globalization on Indian Women as Explored by Bharati Mukherjee in <i>Desirable Daughters</i> and <i>Miss New India</i>	BODHI International Journal of Research in Humanities, Arts and Science44274 ISSN: 2456-5571	July 2017	Special Issue 2	pp. 103-108
		Culture Collision and Immigrant Women-A Study of Bharati Mukherjee''s <i>The Tiger's Daughter</i> and <i>Jasmine</i>	International Journal of English Language, Literature in Humanities <b>IJELLH</b> ISSN-2321-7065	April 2018	Special Issue	pp 513-521
		Dalit Women as Portrayed in Bama''s <i>Sangati</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	April 2018	Special Issue	pp 92-98

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		<i>Death of a Salesman as a Modern Tragedy</i>	International Journal of English Language, Literature in Humanities ISSN-2321-7065	April 2018	Special Issue	pp 384-389
10.	Mr. M. Rakesh Babu	Identity Delve in Sharon Pollock's <i>Walsh</i>	Rock Pebbles	2017	XXI	134-38
		From Rote Learning to Meaningful Learning: Ausubel's Advance Organizer Model for Effective Second Language Learning	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	pp. 188-194
11.	Dr. R. Jinu	Marginality and Psychological Conflicts in Diasporic Literature	Kiranavali	Jan. - Dec. 2017	IX	pp.19 - 24
		A Comparative Study on Muslim and Dalit Feminisms	Fourth World Literature	Feb. 2 2018		
		Neuro-Linguistic Programming Skills and Techniques Implemented In L2 Learning	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	
		The Impact on Capitalism in Suzanne Collins <i>The Hunger Games Trilogy</i>	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	
12.	Ms. T. Deebika Cranapu	Sisterhood Bond In Beatrice Culleton Mosionier's Novel <i>In Search of April Raintree</i>	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	pp.331-335
13.	Ms. G. Jeba Subha	Existential Predicaments in Yann Martel's <i>Life of Pi</i>	International Journal of English Language, Literature in Humanities	April 2018	Special Issue	pp.234-238
14.	Ms. Juvi R. Sylfin					

#### 9. Details of patents applied/registered: NIL

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

#### 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:**

Sl. No.	Name of the Course	Sanctioned Strength
1.	M. A. English	50
1.	M. Phil. English	12
2.	Ph.D. English ( Full-Time and Part- Time)	

**For First Year B.E./B.Tech., BBA, B.Com. B.Sc. and M. Sc. - Software Engineering**

Sl. No.	Name of the Course	Sanctioned Strength
1.	EG1101-Technical English -I	Nil
2.	EG1102-Technical English -II	Nil
3.	MS16E1- English-I	Nil
4.	MS16E2- English-II	Nil
5.	EG811-Communicative English -I	Nil
6.	EG812-Communicative English -II	Nil
7.	EG2601- English -I	Nil
8.	EG2602- English -II	Nil
9.	SL2605- Linguistics	Nil
10.	EG2603- English -I	Nil

**For Second and Third Year B.E./B.Tech. , MCA and M.Sc. - Software Engineering**

Sl. No.	Name of the Course	Sanctioned Strength
1.	EG251-Career Skills-I	Nil
2.	EG252-Career Skills-II	Nil
3.	EG253-Presentation Skills-I	Nil
4.	EG254-Presentation Skills-II	Nil

S. No.	Name of the Programme / Branch of study	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	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	PG Courses	11	01	12	-	02	07	02	-	-	-	01	NIL	NIL	NIL	NIL	NIL	NIL							88%
	M.Phil. Programme	04	08	12	NIL	NIL	03	08	01	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL							100%
	Ph.D Programme																								
	Diploma Certificate Courses (if any)	NIL																							
	MOOC/NPTEL /UGC online courses offered	NIL																							
	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
	NIL	NIL	07	07	12	-	12	-	01	01

### 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	NIL	NIL	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)							



S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
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
	M.A.	12	12	12	10	08	08	08	07	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	M.Phil.	12	11	12	12	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

#### 17. Placement Details:

<b>Name of the Placement co-ordinator : Dr. R. Jinu</b>			
<b>Phone/Mobile Number :</b>	<b>e-mail:</b>		
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview	04	04
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:

S. No.	Name of the Student	Achievements	Agency
1.	Ms. G. Abisha (II M.A.)	University Gold Medalist	Noorul Islam Centre For Higher Education, Kumaracoil

#### 20. Department Meetings Held :

BOS, Programme Committee, Course Committee etc.

S. No	Name	Date
1.	BOS	08/02/2018
	BOS	23/05/2018

#### 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
		NIL		

**22. Extension activities carried out : NIL**

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: **Dr. R. ABILASHA, AP, ENGLISH**

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1.	No. of books available	1053	7.	No. of CDs and Digital Books available	46
2.	Books added during the year 2017-18	06	8.	No. of Foreign Magazines/Journals	-
3.	No. of Indian Journals/ Magazines	10	9.	No. of Online Journals	03
4.	No. of data bases available	02	10.	Average No. of books Issued per day	12
5.	Average No. of students visiting the Library per day	12	11.	Availability of Language Lab	Yes
6.	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	10 Mbps	12.	No. of CDs and Digital Books available	46
			13.	NAD 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.
1.	Computer		31	7.	Network		01
2.	Laptops		08	8.	Fax		NIL
3.	Printer		NIL	9.	Smart Class		01
4.	LCD Projector		01	10.	Software/ Data base		08
5.	Net Connection Wi-Fi: Wired:		01	11.	Others		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 :****29. Academic Flexibility :NIL**

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

### 30. Others

<b>SI.NO</b>	<b>Name</b>	<b>Title of the Program</b>	<b>Duration</b>
1.	Dr. V. S. Bindhu	Workshop on Practical Phonetics to Better Pronunciation	23-01-2018 to 25-01-2018

**NAME OF THE DEPARTMENT: FIRE TECHNOLOGY AND SAFETY ENGINEERING**

**1. Department Details :**

Name of the School	<b>Faculty of Mechanical Engineering</b>
Name of the HOD, Phone No. and E-mail ID	I.James Dhinakaran Williams, niu.ftse@gmail.com
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	<b>Associate Professor &amp; Head</b>	CAD/CAM	13		<a href="mailto:ijdhinak@yahoo.co.in">ijdhinak@yahoo.co.in</a> Mob. No: 9894824253
2	Dr.R.S.Ganesh Asso.Prof /FTSE	M.E; PhD	<b>Associate Professor</b>	Product Design	12		r_s_ganesh@rediffmail.com Mob. No: 9841107984
3	Dr.B. Bavanish Asst.Prof/FTSE	M.E; PhD	<b>Assistant Professor</b>	Energy engineering	11		<a href="mailto:dr.bbavanish@gmail.com">dr.bbavanish@gmail.com</a> Mob. No: 9488885995
4	Dr. R. Rajesh Asst.Prof /FTSE	B.E; M.Tech; PhD	<b>Assistant Professor</b>	Power Systems	6	3	<a href="mailto:rajeshknky@gmail.com">rajeshknky@gmail.com</a> 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	-	-	-	-	-	-
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:

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 :

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1	Mr.Dilip.V.Sulakhe Sr.Manager(FS) Trivanthapuram	Industrial training at Trivandrum International Airport Fire Service		18/04/2018 20/04/2018
1	Mr.Kareeb Head Industrial Safety & Fire KKNPP	Seminar in "Industrial Safety"	-	08/03/2018
2	Mr.Saji.C.J Supervisor Mangalore Airport	Seminar about "Basics of Fire"	-	16/03/2018
3		Symposia in the name of INFERNO – 2K18	National Level	16/03/2018
4	Mr.Karthick Rajeev Trainer Accentra safety solution PVT Ltd	Seminar about "Occupational safety "		27/07/2018

**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)

**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**

1<sup>st</sup> year -16

2<sup>nd</sup> year -19

3<sup>rd</sup> year -14

4<sup>th</sup> year- 18

S. NO	Name of the Programme / Branch of study	Enrolment during 2017-18		Total	Community										Existing Students, Strength			Pass Percentage of out going batch						
		F	M		O C	BC	BCM	MBC/DNC	SC	SCA	ST	II	III	IV										
															M	F	M		F	M	F	M	F	M
	UG Programme	01	17			1	1	2	5															
	PG Courses	-																						
	M.Phil. Programme																							
	Ph.D Programme																							
	Diploma Certificate Courses (if any)																							
	MOOC/NPTEL/UGC online courses offered																							
	<b>Total</b>	<b>01</b>	<b>17</b>			<b>1</b>	<b>1</b>	<b>2</b>	<b>5</b>															

### 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.Dilip.V.Sulakhe Sr.Manager(FS) Trivanthapuram	Industrial training at Trivandrum International Airport Fire Service		18/04/2018 20/04/2018
1	Mr.Kareeb Head Industrial Safety & Fire KKNPP	Seminar in "Industrial Safety"	-	08/03/2018
2	Mr.Saji.C.J Supervisor Mangalore Airport	Seminar about "Basics of Fire"	-	16/03/2018
3		Symposia in the name of INFERNO – 2K18	National Level	16/03/2018
4	Mr.Karthick Rajeev Trainer Accentra safety solution PVT Ltd	Seminar about "Occupational safety "		27/07/2018

### 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)

### 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**

1<sup>st</sup> year -16

2<sup>nd</sup> year -19

3<sup>rd</sup> year -14

4<sup>th</sup> year- 18

**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	16	8	16	6	7	19	3	19	9	14	8	14	12	18	14	18

**17. Placement Details:**

<b>Name of the Placement co-ordinator :</b>			
<b>Phone/Mobile Number :</b>		<b>e-mail:</b>	
<b>Number of Placement Programmes:</b>			
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: I**

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.	22.01.2018 28.02.2018 17.04.2018 10.06.2016	

**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	173	7	No. of titles available	88
2	Books added during the year 2017	461	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

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.)	-	12	Availability of Language Lab	-
			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.

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

## 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 <a href="mailto:rmsskdhujaa@gmail.com">rmsskdhujaa@gmail.com</a>
Year of Establishment	1998
Telephone Number	9486856119
Website / E mail	rmssk@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.	Prof.A.R.Subramonia lyer	B.Sc.,M.Sc., L.L.B	Professor	Cyber Forensics and Security	7 Years	--	9447575576
2.	Dr.R.Mathusoothana. S.Kumar	B.E.,M.E.,Ph.D	Associate Professor & Head	Image Processing	22.4 Years	10 Years	<a href="mailto:rmsskdhujaa@gmail.com">rmsskdhujaa@gmail.com</a> , 9486856119
3.	Dr.S.Maria Celestin Vigila	B.E.,M.E.,Ph.D	Associate Professor	Data Security	21.10 Years	8 Years	<a href="mailto:celesleon@yahoo.com">celesleon@yahoo.com</a> 9442150033
4.	Dr.N.Sugitha	B.E.,M.E.,Ph.D	Associate Professor	Image Processing	17.6 Years	1.2 Years	<a href="mailto:sugi_vi@yahoo.com">sugi_vi@yahoo.com</a> , 9442077420
5.	Dr.S.Palanikumar	B.E.,M.E.,Ph.D	Associate Professor	Digital Image and Signal Processing	16 Years	8 Years	<a href="mailto:palanikumarcsc@yahoo.com">palanikumarcsc@yahoo.com</a> 9445522700
6.	Dr.V.Mary Amala Bai	B.E.,M.E.,Ph.D	Assistant Professor	Data Mining	15.1 Years	2 Years	<a href="mailto:mamalas@gmail.com">mamalas@gmail.com</a> , 7502869501
7.	Ms.Y.Jeyasheela	B.E.,M.E.,(Ph.D)	Assistant Professor	Data mining	11.11 Years	-	<a href="mailto:minisheela@ymail.com">minisheela@ymail.com</a> 9566424865
8.	Dr.T.Brindha	B.E.,M.E.,Ph.D	Assistant Professor	Cloud Security	10 Years	1 Year	<a href="mailto:brindhahere@yahoo.com">brindhahere@yahoo.com</a> 9677508835
9.	Ms.M.B.Jeya Lekshmi	B.E.,M.E., (Ph.D)	Assistant Professor	Cloud Security	10 Years	-	<a href="mailto:mbjaya2k5@gmail.com">mbjaya2k5@gmail.com</a> , 9486795892
10.	Dr.K.Siva Sankar	B.E.,M.E.,Ph.D, MBA	Assistant Professor	System Software	9 Years	3 Years	<a href="mailto:kasiva80@gmail.com">kasiva80@gmail.com</a> , 9442229791
11.	Ms.T.V.Sindia	B.Tech., M.Tech., (Ph.D)	Assistant Professor	Cloud Security	9 Years	-	<a href="mailto:sindiatv@gmail.com">sindiatv@gmail.com</a> 9442332616
12.	Ms.Arya Sreedhar	B.Tech.,M.E	Assistant Professor	Cyber Security	9 Months	-	<a href="mailto:aryasreedhar2008@gmail.com">aryasreedhar2008@gmail.com</a> 9446614838

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1.	Dr.R.Mathusoothana.S.Kumar	03	03	-	10	03	16	82.22	632.94	Nil	01	Nil	Nil	02	06
2	Prof.A.R.Subramonia Iyer	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	Dr.S.Maria Celestin Vigila	04	04	03	14	38	38	97.85	--	Nil	01	Nil	Nil	02	06
4	Dr.N.Sugitha	2	-	2	10	-	10	58.205	--	-	-	-	-	01	06
5	Dr.S.Palanikumar	-	6	2	27	14	114	98.85	-	-	-	-	-	1	6
6	Dr.V.Mary Amala Bai	2	--	1	--	10	--	81	--	-	-	-	-	-	3
7	Ms.Y.Jeyasheela	1	1	-	3	3	3	58.65	-	-	-	-	-	-	-
8	Dr.T.Brindha	2	2	2	6	10	17	70.28	-	Nil	Nil	Nil	Nil	1	4
9	Ms.M.B.Jeya Lekshmi	-	1	1	2	-	4	58.8	-	--	--	--	--	--	--
10	Dr.K.Siva Sankar	1	2	5	39	1	12	65	-	1	1	1	1	0	6
11	Ms.T.V.Sindia	1	1	-	3	-	1	52	-	-	-	-	-	-	-
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			Proposal Submitted (May 2017)
2	Dr. R.Mathusoothana S. Kumar	Department of Science and Technology	FIST-Project (Level-1)			Proposal Submitted (July 2018)

### 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.Maria Celestin Vigila	International Conference on Soft Computing Systems, ICSCS-2018,Baselios Mathews II college of Engineering, TVM	Forecasting of Stock Market by Combining Machine Learning and Big Data Analytics	19 <sup>th</sup> and 20 <sup>th</sup> April 2018

2	Dr.N.Sugitha	National Conference on Emerging Technologies , MES College of Engineering and Technologies, Kunnakara	Sparse Coding and Dictionary Learning	March 2018
3	Dr.V.Mary Amala Bai	International conference on Applied mathematics and theoretical computer science, St Xavier's Catholic College of Engineering, Nagercoil, Tamilnadu, India	Clinical Decision Support System based on a Standardized Clinical Protocol with a Machine Learning Component	1 <sup>st</sup> to 3 <sup>rd</sup> February 2018
4	Dr.T.Brindha	International Conference on Soft Computing Systems, ICSCS-2018, Baselios Mathews II college of Engineering, TVM	Deep Learning An Overview	19 <sup>th</sup> and 20 <sup>th</sup> April 2018
			Analysis of Scheduling Algorithms in Hadoop	19 <sup>th</sup> and 20 <sup>th</sup> April 2018

**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	Dr.R.Mathusoothana.S. Kumar	Invited Lectures	Induction Training Programme	Need of Knowledge outside Text Book	NICHE, August 2017
		Technical Reviewer	International Conference	IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies.	Vimal Jyothi Engg College, Kannur, 6 <sup>th</sup> & 7 <sup>th</sup> July 2017.
2	Dr.S.Maria Celestin Vigila	Technical Reviewer	International Conference	IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies.	Vimal Jyothi Engg College, Kannur, 6 <sup>th</sup> & 7 <sup>th</sup> July 2017.
		Technical Reviewer	International Conference	Springer International Conference on Soft Computing Systems	Baselios Mathew II College of Engg, Kollam, 19 <sup>th</sup> & 20 <sup>th</sup> April 2018.
3	Dr.S.Palanikumar	Technical Reviewer	National Level Technical Symposium	NETZAH'18	Annai Vailankanni College of Engg, Azhagappapuram, 25 <sup>th</sup> January 2018.
		Resource Person	Workshop	Matlab with Image Processing	NICHE, 24 <sup>th</sup> & 25 <sup>th</sup> April 2018.

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
4	Dr.K.Siva Sankar	Guest Lecture	Training Programme	Computer Programming	NICHE, 18 <sup>th</sup> Sept 2017
		Resource Person	Certificate Program	Career and Life Skills	NICHE, 25 August 2017

### 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	Workshop	National	24.04.18 - 25.04.18

### 9. 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	C. Anitha and R. Mathusoothana S. Kumar	A Critical Review on Low Light Video Enhancement	International Journal of Recent Engineering Research and Development, ISSN No.: 2455-8761	Vol. 2(4)	2017	pp. 98-103
2	J. Jeiya Shivaani and R. Mathusoothana S. Kumar	Automatic Detection of Vehicle Number Plate Using Intelligent Template Matching	International Journal of Control Theory and Applications, ISSN No. 0974-5572	Vol. 10(27)	2017	pp. 133-139
3	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 No. 1751-9128	Vol. 10, No. 4	2018	pp.388-400
4	Princy Alexander, Praseetha P.K and Maria Celestin Vigila S.	Cytotoxicity, Genotoxicity and Cell Adhesion Study of Electrospun Silk/Surface Modified Nanosilica Composite for Bone Regeneration Applications	<a href="#">International Journal of Pharma and Bio Sciences</a> ISSN No. 0975-6299	Vol. 8, No.3	2017	pp.366-372
5	Joneston Dhas J.L., Maria Celestin Vigila, S. and Ezhil Star C.	A Framework on Security and Privacy-Preserving for Storage of Health Information Using Big Data	International Journal of Control Theory and Applications, ISSN No. 0974-5572	Vol.10, No.3	2017	pp. 91-100

6	Kosalai T, Sugitha N,Jain J.P	High Density Impulse noise reduction from colour images using combined adaptive vector medium filter and weighted mean filter	International Journal of Scientific Research in Computer science, Engineering and Information Technology ISSN No. 2456- 3307	Vol.3, No.5	2018	pp. 2456- 3307
7	Gopalakrishnan T, Rajeesh J, Palanikumar S, and Narasimhan K	Automated analysis of Histopathology images for cancer diagnosis - A review	Research Journal of Pharmaceutical, Biological and Chemical Sciences, ISSN No. 0975- 8585	Vol. 8, No. 1	2017	pp. 1381 - 1386
8	Thankappan Gopalakrishnan , Jayapathy Rajeesh, Suyambumuthu Palanikumar	Robust Breast Cancer Detection by utilizing the multi- resolution features	International Journal of Signal and Imaging Systems Engineering	Vol.11 No.4	2018	pp.225-236
9	Velayuthan Pillai Gopinathan Ranjith, Muthayyan Kamalam Jeyakumar, Suyambumuthu Palanikumar	Multi Resolution Feature Combined with ODBTC Technique for Robust CBIR System	International Journal of Signal and Imaging Systems Engineering	Vol.11 No.4	2018	pp.237-245
10	V. Mary Amala Bai and D. Manimegalai	Analysis of feature selection measures for text categorization	International Journal of Enterprise Network Management	Vol. 8, No. 1	2017	pp. 45-60
11	R.S Shaji, V.S Dev, T Brindha	A Methodological Review on Attack and Defense Strategies in Cyber Warfare	Wireless Networks		2018	
12	M.B.Jayaleksh mi, Dr.S.H.Krishna veni	TSS - Twin Layered Security Scheme for Cloud Storage to Preserve Data Integrity	International Journal of Intelligent Engineering and Systems, ISSN No. 2185-3118	Vol.10, No.3	2017	
13	Vadivu Vijayaraghavan and K.Siva Sankar	SuVa Security Framework for Cloud Migration	International Journal of Control Theory and Applications, ISSN No. 0974-5572	Vol.12 No. 6	2017	pp.801-814
14	K. Siva Sankar	Multimodal Biometric Authentication Based on Interpolation Based Steganography	Journal of Advanced Research in Dynamical and Control Systems ISSN No. 1943- 023X	Vol. 9 No. 8	Dec 2017	pp.41-47
15	K. Siva Sankar	VLSI Architecture of efficient Memory Built in Self Test using RLFSR	Journal of Engineering and Applied Sciences		2018	

16	K. Siva Sankar	Survey on Sensible Fault Model and Test Mechanisms for configurable Embedded SRAM Memory	International Journal of Emerging Technology and Advanced Engineering ISSN No. 2250-2459	Vol.8, No. 4	2018	pp.24-28
17	T.V. Sindia and Julia Punitha Malar Dhas	SDN Based DDoS Attack Detection and Mitigation in Cloud	International Journal of Control Theory and Applications, ISSN No. 0974-5572	Vol.10, No. 3	2017	pp. 39-47
18	Sindia T.V., Julia Punitha Malar Dhas	SBS - SDN based Solution for Preventing DDoS Attack in Cloud Computing Environment	ARPN Journal of Engineering and Applied Sciences	Vol.12 No.11	2017	pp. 3593-3599
19	Sindia T.V., Julia Punitha Malar Dhas	A Bifold Software Defined Networking Based Defence Mechanism for DDoS Attacks in Cloud Environment	International Journal of Applied Engineering Research	Vol. 12 No.20	2017	pp. 9467-9474
20	S.V.Divya, R.S.Shaji, and P.Venkadesh	An Efficient Data Storage and Forwarding Mechanism Using Fragmentation-Replication and DADR Protocol for Enhancing the Security in Cloud	Journal of Computational and Theoretical Nanoscience	Vol.15, No.1	2018	pp:111-120
21	S.V.Divya, Bala Monika, and P.Venkadesh	A P-NTRU and Secret Key Sharing Techniques of Access Control Scheme for Big Data Storage in Cloud	International Journal of Engineering and Technology	Vol.7, No.2.33	2018	pp.813-817

#### 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	Dr. K.Siva Sankar Ms. M.B.Jayalekshmi Ms. T.V.Sindia	Computing and Programming, pp. 1-198 ISBN: 978-9384295-07-3	R.K.Publishers, India	2017



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

S. NO.	Name of the Programme / Branch of study	Enrolment during 2017-18		Total I	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	
1	UG Programme	15	28	43	6	6	15	8	6	1	0	0	1	0	0	0	0	0	2	1	2	0	6	1	28.5	
2	PG Courses	1	3	4	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	-
3	M.Phil. Programme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Ph.D Programme	1	0	1	0	0	0	1	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	17	31	48	6	6	17	9	6	1	0	0	2	0	0	0	0	0	2	1	2	0	6	1	28.5	

### 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	21	13	34
2	M.E Cyber Security	Indian	Kerala	1	1	2

### 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	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.Tech IT	Batch : 2017-2021				Batch :2016-2020				Batch :2015-2019				Batch :2014-2018				
				42	12	5	2	4	0	2	1	2	1	7	5	8	6	
5	M.E (CY)	Batch :2017-2019																
		4	3	4	4													

**17. Placement Details:**

<b>Name of the Placement co-ordinator : T.V. Sindia</b>			
<b>Phone/Mobile Number : 9442332616 e-mail:sindiatv@gmail.com</b>			
<b>Number of Placement Programmes: 6</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	1
2	Number of Placements obtained through Campus Interview	Nil	Nil
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1/8	1/8

**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.**

**2017-18 ODD**

S.No	Name	Date	
1.	Programme Committee (UG)	09/08/2017	I meeting
		20/09/2017	II meeting
		26/10/2017	III meeting
2.	Class Committee –S3 IT (UG)	08/08/2017	I meeting
		19/09/2017	II meeting
		28/09/2017	III meeting
3.	Class Committee –S5 IT (UG)	07/08/2017	I meeting
		18/09/2017	II meeting
		30/10/2017	III meeting
4.	Class Committee –S7 IT (UG)	01/07/2017	I meeting
		12/09/2017	II meeting
		31/10/2017	III meeting
<b>Course Committee</b>			
5.	IT1217- Fundamentals of Data Structure and Algorithms	24/07/2017	I meeting
		21/08/2017	II meeting
		20/09/2017	III meeting
6.	MS1202 -Professional and Business Ethics	21/07/2017	I meeting
		22/08/2017	II meeting
		21/09/2017	III meeting

**2017-18 EVEN**

S.No	Name	Date	
1.	Programme Committee (S4 IT &S6IT- UG)	07/02/2018	I meeting
		01/03/2018	II meeting
		21/04/2018	III meeting
2.	Programme Committee (S8 IT -UG)	27/02/2018	I meeting
		19/03/2018	II meeting
		12/04/2018	III meeting
3.	Programme Committee (S2 IT-UG)	27/02/2018	I meeting
		04/04/2018	II meeting
		11/05/2018	III meeting
4.	Programme Committee (PG)	28/02/2018	I meeting
		30/04/2018	II meeting
		11/05/2018	III meeting
5	Class Committee-S2 IT	14/02/2018	I meeting
		19/03/2018	II meeting
		04/05/2018	III meeting
		25/05/2018	IV meeting
6.	Class Committee –S4 IT (UG)	23/01/2018	I meeting
		23/02/2018	II meeting
		16/03/2018	III meeting
		26/04/2018	IV meeting
7.	Class Committee –S6 IT (UG)	24/01/2018	I meeting
		27/02/2018	II meeting
		07/04/2018	III meeting
		27/04/2018	IV meeting
8.	Class Committee –S8 IT	09/02/2018	I meeting
		15/03/2018	II meeting

	(UG)	04/04/2018	III meeting
		18/04/2018	IV meeting
9	Class Committee –S2 M.E (PG)	09/02/2018	I meeting
		14/03/2018	II meeting
		28/04/2018	III meeting
		18/05/2018	IV meeting
		<b>Course Committee</b>	
10	IT1214- Cyber Security	17/01/2018	I meeting
		15/02/2018	II meeting
		21/03/2018	III meeting

### BOS Meeting

S.No	Name	Date	
1.	XIII –BOS	07/02/2018	Finalizing examiners panel for theory and Practical examinations
			Finalizing subject expert list for question paper 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	XIV – BOS	14/05/2018	To finalize the III and IV semester IT syllabus

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

Sl.No	Name of the Lab	Name of the Equipment/ Computer/Software/Others	Quantity	Purpose Research/Practical
1	<b>Software Development Lab</b>	<b>Computers</b>		
		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
		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
		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
<b>Printers</b>				
5		EPSON STYLUS PHOTO830	1	
6		CANON S200	1	
7		EPSON STYLUS C58	3	
<b>Scanner</b>				
8		HP 3770 SCANNER	1	
<b>Camera</b>				

Sl.No	Name of the Lab	Name of the Equipment/ Computer/Software/Others	Quantity	Purpose Research/Practical
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	

## 22. Extension activities carried out:

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Seminar on "E-Waste Processing"	Students and staff	11-07-2018	Smart Room-IT
2	Seminar on "E-Waste Separation and Management"	Students and staff	20-11-2017	Smart Room-IT
3	Seminar on "Go Green With E-Waste"	Students and staff	16-05-2018	Smart Room-IT

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

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

Sl.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

## 24. Information and Communication Technology Resources:

### LAB- I (Software Development Lab)

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1178	7	No. of titles available	75
2	Books added during the year 2015		8	No. of CDs and Digital Books available	75
3	No. of Indian Journals/ Magazines	4	9	No. of Foreign Magazines/Journals	1
4	No. of data bases 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	12	Availability of Language Lab	Nil
			13	NAD membership 1. Faculty members 2. Students	Nil

### Lab –II (System Programming Lab)

Sl.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

Sl.No	Name of the Equipment	Specification	Nos
1	Computer	Intel I 3 <sup>rd</sup> 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	TrueImage V. 4.0	1

**Smart Class**

Sl.No	Name of the Equipment	Specification	Nos
1	Laptop	Lenovo laptop B5080 13/2GB/500GB/15.6"/W8.1 Intel core13-3805U/2GB/DDR3/500GB SATA/15.6"/WINB.1	1
2	White Board	Hitachi Star Board Fx-77 Interactive White Board	1
3	LCD Projector	Infocus IN 104 Digital Projector	1

**25. Collaborative Researches: Nil****26. Consultancies:**

Sl.No	Client	Nature of work	Amount	Year
1	Digital Computers 356/8, Jero Complex, K.P.Road, Mathias Nagar, Nagercoil-629001	GST based Billing Software	7,500	2017-18
2	Vithul Engineering 85B/11, S.M.Puram, 3 <sup>rd</sup> Cross Street, Tuticorin-628003	Billing software for panel boards	7,500	2017-18

**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.

Students are made to participate in unique initiatives like *Smart India Hackathon*, to identify innovations using digital technology for solving the challenges.

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

Incorporation of Cyber security and Forensics based specialization curriculum with B.Tech IT programme.

**Best Practices:**

Special coaching is given for slow learners.

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

Retest for internal assessment is given only for valid reasons, after getting written permission from HOD.

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

**30. Academic Flexibility: Nil**

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

**31. Others**

Sl.NO	Name	Title of the Program	Duration
1.	Dr.R.Mathusoothana.S.Kumar	MATLAB with Image	24/04/2018 to

		Processing(Workshop)	25/04/2018
<b>2.</b>	Dr.Maria Celestin Vigila	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018
<b>3.</b>	Dr.N.Sugitha	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018
<b>4.</b>	Dr.S.Palanikumar	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018
<b>5.</b>	Dr.V.Mary Amala Bai	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018
<b>6.</b>	Ms.Y.Jeyasheela	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018
<b>7.</b>	Dr.T.Brindha	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018
<b>8.</b>	Ms.T.V.Sindia	MATLAB with Image Processing(Workshop)	24/04/2018 to 25/04/2018



## NAME OF THE DEPARTMENT: MATHEMATICS

### 1. Department Details :

Name of the School	<b>Faculty of Science and Humanities</b>
Name of the HOD, Phone No. and E-mail ID	<b>Dr.M.Immaculate Mary,</b> Phone No. : 9442006514 E-mail ID : imma_arul@yahoo.com
Year of Establishment	<b>1989</b>
Telephone Number	-
Website / E mail	<b>nichemaths@yahoo.com</b>

### 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.S.Ramachandran	M.Sc., Ph.D.	Prof.	Graph Theory	39Y	16Y	<a href="mailto:dr.s.ramachandran@gmail.com">dr.s.ramachandran@gmail.com</a> 04652250364
2	Dr.M.Immaculate Mary	M.Sc., M.Phil, B.Ed, Ph.D.	Prof. & HOD	Stochastic Processes	24 Y 11 M	10 Y	<a href="mailto:imma_arul@yahoo.com">imma_arul@yahoo.com</a> 04652-279857 9442006514
3	Dr.P.B.Sarasija	M.Sc., Ph.D.	Prof.	Graph Theory	23Y 5 M	12Y	<a href="mailto:sijavk@gmail.com">sijavk@gmail.com</a> 04651-236160 9443002541
4	Dr.T.M.Selvarajan	M.Sc., M.Phil, B.Ed, Ph.D.	Asst. Prof.	Graph Theory	23 Y 11 M	10Y	<a href="mailto:selvarajan_26@yahoo.co.in">selvarajan_26@yahoo.co.in</a> 9443844903 04651-252881
5	Dr.S.Kumaresan	M.Sc., M.Phil. <u>Ph.D</u>	Asst. Prof.		26Y 2M	8Y	suthanthiraabi@gmail.com 04651-250298 9443993893
6	Dr.K.Uma Samundesvari	M.Sc.,M.Phil, PGDCA, Ph.D.	Asst. Prof.	Graph Theory	19Y 9M	8Y	<a href="mailto:kus_krishna@yahoo.co.in">kus_krishna@yahoo.co.in</a> 04652-275024 98940 71318
7	Dr.R.Binthiya	M.Sc., M.Phil,Ph.D.	Asst. Prof.	Graph Theory	11Y 1M	7Y	binthiya_r@yahoo.co.in 04652-251836 9487820221
8	Dr.P.Nageswari	M.Sc.,M.Phil, PGDCA , Ph.D.	Asst. Prof.	Graph Theory	14Y 10M	7Y	<a href="mailto:nageswari.kannan06@gmail.com">nageswari.kannan06@gmail.com</a> 04651-261115 9677318713
9	Dr.K.Uma Devi	M.Sc.,B.Ed., M.Phil,HDCA, Ph.D.	Asst. Prof.	Graph Theory	10Y 5M	8Y	<a href="mailto:devi.uma30@gmail.com">devi.uma30@gmail.com</a> 9487659151
10	Dr.D.Sheeba Singh	M.Sc., M.Phil, Ph.D.	Asst. Prof	Stochastic Processes	10Y 1M	7Y	<a href="mailto:dssheeba@gmail.com">dssheeba@gmail.com</a> 9442606150
11	Dr. M.Sudha	M.Sc., M.Phil, B.Ed., Ph.D .	Asst. Prof.	Graph Theory	10Y	5Y	<a href="mailto:sudha.jeyakumar@yahoo.co.in">sudha.jeyakumar@yahoo.co.in</a> 04651253339 9486962339
12	Mr.G.Victor Jeya Chandra	M.Sc., M.Phil, B.Ed.	Asst. Prof.	-	11Y		victorjeyacg@gmail.com 9486757921
13	Mrs.P.Jeba Sheeja	M.Sc., M.Phil, B.Ed.	Asst. Prof.	Graph Theory	9Y 3M		<a href="mailto:petersheeja10@gmail.com">petersheeja10@gmail.com</a> 9655721162

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					eaching	research	
14	Dr.J.John Arul Singh	M.Sc., M.Phil, Ph.D.	Asst. Prof.	Graph Theory	6Y 7M	9Y	arul_singh_maths@yahoo.com 9944509724
15	Ms.C.Saranya	M.Sc.	T.A.	-	1		

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1	Dr.S.Ramachandran	-	7	1	42	23	159					-	-	-	3
2	Dr.M.Immaculate Mary	-	-	-	11	-	-	495	1	6	-	-	7	1	
3	Dr.P.B.Sarasija	1	6	1	35	6	68	784	1	6	-	-	7	4	
4	Dr.T.M.Selvarajan	-	1	-	8	-	1	490	1	8	-	-	9	-	
5	Dr.S.Kumaresan	-	-	-	3	-	-	350	-	1	-	-	1	-	
6	Dr.K.Uma Samundesvari	-	2	2	10	-	6	566	1	6	-	-	7	-	
7	Dr.R.Binthiya	-	2	-	7	-	19	536	1	6	-	-	7	-	
8	Dr.P.Nageswari	-	1	-	4	-	4	350	1	3	-	-	4	-	
9	Dr.Sheebe Singh	-	-	-	6	-	-	350	-	1	-	-	1	-	
10	Dr.K.Uma Devi	-	-	-	5	-	-	376	1	3	-	-	4	-	
11	Dr. M.Sudha	-	-	-	7	-	-	450	-	2	-	-	2	-	
12	Mr.G.Victor Jeya Chandra	-	-	-		-	-	325	-	1	-	-	1	-	
13	Mrs.P.Jeba Sheeja	-	-	-		-	-	335	-	1	-	-	1	-	
14	Dr.John Arul Singh	-	1	-	5	-	4	475	1	6	-	-	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	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/-

**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. :**

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Dr.T.M.Selvarajan	Resource Person	Workshop	LaTeX	20.12.2017&21.12.2017 NICHE
2	Dr. K.Uma Samundesvari	Resource Person	Workshop	LaTeX	20.12.2017&21.12.2017 NICHE
3	Dr. R. Binthiya	Resource Person	Workshop	LaTeX	20.12.2017&21.12.2017 NICHE
4	Dr. J. John Arul Singh	Resource Person	Workshop	LaTeX	20.12.2017&21.12.2017 NICHE

**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	20.12.2017& 21.12.2017

**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	S.Ramachandran P.Bhanumathy	Subgraphs and Similarity of Vertices	Ars combinatoria 0381-7032	130	2017	381-393

2	<b>S.Ramachandran</b>	Properties of non-reconstructible graphs and digraph	<b>Ars combinatoria</b> 0381-7832	104	2017	243-254
3	<b>P.B.Sarasija,R.Binthiya</b>	Bounds on the Seidel Energy of Strongly Quotient Graphs	Journal of chemical and pharmaceutical sciences 0974-2115	9, 1	2017	1-4
4	<b>K.Uma Samundesvari,J. John</b>	Total and forcing total edge-to-vertex monophonic number of a graph	<b>Applied mathematics E notes</b> <b>1607-2510</b>	5	2017	<b>261-275</b>
5	<b>K.Uma Samundesvari &amp;J.Maria Regila Baby</b>	Medium Domination number of certain graphs	<b>International journal of emerging research in management and technology</b> <b>2278-9359</b>	6,11	2017	<b>130-134</b>
6	S.Ramachandran P.Bhanumathy	Digraph isomorphism using subdigraph equivqlent vertices and degrees pair association	<b>Ars combinatoria</b> <b>0381-7032</b>	137 2018	2018	373-394
7	<b>Roshan Sara Philipose &amp;P.B.Sarasija</b>	Gutman Index and Harary Index of Unitary Cayley Graph	International journal of engineering and technology 2227-524X	7(3)	2018	1243-44
8	<b>Sindhuja G.M.&amp;K.Uma Samundesvari</b>	Monophonic wirelength in graph embedding	International journal of engineering and technology 2227-524X	7(3)	2018	1150 - 53
9	<b>K.Uma Samundesvari&amp; Sindhuja G.M.</b>	Monophonic wirelength on Circulant Networking	International journal of engineering and technology 2227-524X	7(3)	2018	1154-56

#### 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 2017-18		Total	Community												Existing Students, Strength		Pass Percentage of outgoing batch					
		F	M		OC		BC		BCM		MBC/DNC		SC		SC A		ST			II				
					M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F			
	UG Programme	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	PG Courses	4	-	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	96
	M.Phil. Programme	7	1	8	1	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
	Ph.D Programme	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	Diploma Certificate Courses (if any)																							
	MOOC/NPTEL/UGC online courses offered																							
	Total	12	1	13	1	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	

**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
	Male	-	Male	-	Male	1	-	1	Male	-	-	-
	Female	-	Female	6	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)							

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
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.	8	8	8	8												
2	M.Sc.	4	4	4	4	6	6	6	6								

#### 17. Placement Details:

<b>Name of the Placement co-ordinator : Dr.M.Sudha</b>			
<b>Phone/Mobile Number :</b> 9486962339 <b>e-mail:</b> sudha.jeyakumar@yahoo.co.in			
<b>Number of Placement Programmes:</b>			
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%	43%

#### 18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.R.Binithiya	Cleared NET Exam	CSIR UGC
2.	Dr.K.Uma Samundesvari	Cleared SET Exam	Mother Theresa University
3.	Mrs.P.Jeba Sheeja	Cleared SET Exam	Mother Theresa University

#### 19. Outstanding achievements by Students: NIL

S. No.	Name of the Student	Achievements	Agency
1			

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

S.No	Name	Date		
1.	<b>BOS</b>	<b>30-01-2018</b>	<b>09-05-2018</b>	<b>15-05-2018</b>
	Course Committee Programme Committee etc.			
2.	Course Committee	1	2	3
	MA2101	18-08-2017	27-09-2017	06-11-2017
	MA1201	19-07-2017	12-09-2017	21-10-2017

	MA2102	29-01-2018	05-03-2018	07-04-2018
	MA 1203	10-01-2018	01-03-2018	12-04-2018
	MA1204	10-01-2018	01-03-2018	12-04-2018
<b>3.</b>	Programme Committee	1	2	3
	S1 M.Sc	19-08-2017	25-09-2017	13-11-2017
	S3 M.Sc	25-07-2017	22-08-2017	24-10-2017
	S1 M.Phil	14-09-2017	27-10-2017	06-11-2017
	S2 M.Sc	24-02-2018	22-03-2018	17-04-2018
	S4 M.Sc	26-02-2018	20-03-2018	16-04-2018
	S2 M.Phil	21-02-2018	21-03-2018	20-04-2018
<b>4.</b>	Class Committee			
	S1 M.Sc	11-08-2017	04-10-2017	10-11-2017
	S3 M.Sc	12-07-2017	22-07-2017	26-10-2017
	S1 M.Phil	20-09-2017	31-10-2017	13-11-2017
	S2 M.Sc	16-02-2018	25-03-2018	27-04-2018
	<b>S4 M.Sc</b>	<b>08-01-2018</b>	<b>21-02-2018</b>	<b>13-04-2018</b>
	<b>S2 M.Phil</b>	<b>26-02-2018</b>	<b>27-03-2018</b>	<b>21-04-2018</b>

**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. V, VI & VII	13-11-2017	Govt. Middle School, Thuckalay
2	Mathematics Literacy Program	Students of Std. I to Std.V	13-11-2017	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.Binithiya**

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	<b>A214</b>	<b>1</b>
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	Two Day Workshop on Research Methodology	08.03.2018-09.03.2018
2.	Dr.P.B.Sarasija	Two Day Workshop on Latex	20-12-2017 &21-12-2017
3.	Dr. K.UmaSamundesvari	Two Day Workshop on Latex	20-12-2017 &21-12-2017
4.	Dr.P.Nageswari	Two Day Workshop on Latex	20-12-2017 &21-12-2017
5.	Dr, D. Sheeba Singh	Two Day Workshop on Research Methodology	08.03.2018-09.03.2018
6.	Dr, D. Sheeba Singh	Two Day Workshop on Latex	20-12-2017 &21-12-2017
7.	Dr.M.Sudha	Two Day Workshop on Latex	20-12-2017 &21-12-2017
8.	Mr.G.VictorJeya Chandra	Two Day Workshop on Latex	20-12-2017 &21-12-2017
9.	Dr . John Arul Singh	Two Day Workshop on Latex	20-12-2017 &21-12-2017



**NAME OF THE DEPARTMENT: MANAGEMENT STUDIES**

**1. Department Details :**

Name of the School	<b>FACULTY OF MANAGEMENT STUDIES</b>
Name of the HOD, Phone No. and E-mail ID	Dr. V. Sreedevi , 9442550899 <a href="mailto:devikittu67@gmail.com">devikittu67@gmail.com</a>
Year of Establishment	1993-1994
Telephone Number	<b>04651-251996</b>
Website / E mail	<b>nicedoms@yahoo.com</b>

**2. Details of Faculty Members :**

S. No.	Name of the Faculty	Qualifi-cation	Designati on	Specialis ation	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	27	8	<a href="mailto:kajanardhanan@yahoo.com">kajanardhanan@yahoo.com</a> , 9443128025
2.	Prof. M. Sivathanu Pillai	M.Com	Professor	Skills Development	51		<a href="mailto:sivathanup@yahoo.co.in">sivathanup@yahoo.co.in</a> 9489435702
3.	Dr. M. Wilson	M.Com, MBA M.Phil ., Ph.D	Professor	Marketing	27	16	<a href="mailto:mw.sccngl@gmail.com">mw.sccngl@gmail.com</a> 9443401730
4.	Dr. V. Sreedevi	M.Com, MBA Ph.D	HOD Professor	Finance			<a href="mailto:devikittu67@gmail.com">devikittu67@gmail.com</a> 9442550899
5.	Dr. D.Kinslin	M.Com ., MBA M.Phil ., Ph.D	Associate .Prof, Deputy Dir-HRM	Marketing , HRM	17	10	<a href="mailto:dkinslin@gmail.com">dkinslin@gmail.com</a> 9442075559
6.	Dr. R Radhika	MA., MBA M.Phil.,Ph.D	Assistant Professor	HRM	11	13	<a href="mailto:rdhujaasourish@gmail.com">rdhujaasourish@gmail.com</a> 9486941177
7.	Dr. V.P. Velmurugan	M.Com ., BL., MBA., Ph.D	Assistant Professor	Finance	11	7.8	<a href="mailto:vpvharini@gmail.com">vpvharini@gmail.com</a> 9443211048
8.	Dr. Shubin Tad M.C	MBA, MPhil., Ph.D	Assistant Professor	HRM	3	2.8	<a href="mailto:shibintad@gmail.com">shibintad@gmail.com</a> 9442040601
9.	Mr. Fenin Samuel	MBA, MPhil	Assistant Professor	Marketing operations	2	2	<a href="mailto:feninsml@gmail.com">feninsml@gmail.com</a> 9486865382
10.	Mr. Deekshith	MBA	Assistant Professor	Marketing	2	2	<a href="mailto:dichi28@gmail.com">dichi28@gmail.com</a> 8148642903
11.	Mrs. Kavitha Rani. R	MBA, MPhil	Assistant Professor	Marketing , HRM	2	-	<a href="mailto:kavithar480@gmail.com">kavithar480@gmail.com</a> 8300069008
12.	Ms. Rajeshwari. M	MBA, MPhil	Assistant Professor	Marketing , HRM	2	-	<a href="mailto:mrajeshwari917@gmail.com">mrajeshwari917@gmail.com</a> 9500725152
13.	Mr. Raja Suthan. T	MBA, M. Com, MPhil	Assistant Professor	Finance, HRM	2	-	<a href="mailto:thangasuthan.tr@gmail.com">thangasuthan.tr@gmail.com</a> 9965887704

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
14.	Mrs. Jasbin Bino. P	MBA	Assistant Professor	Marketing, HRM	1		<a href="mailto:jasbinjeyahar@gmail.com">jasbinjeyahar@gmail.com</a> 9486418130
15.	Mrs. Asha. K	MBA., M.Phil.	Assistant Professor	Marketing, HRM	1	1 month	<a href="mailto:itzmeashak@gmail.com">itzmeashak@gmail.com</a> 9486418130
16.	Mrs. Veena. V.S	MBA., M.Phil.,	Assistant Professor	Finance HRM	1		<a href="mailto:vsveena87@gmail.com">vsveena87@gmail.com</a> 9486418130

### 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.	Dr.K. A.Janardhanan			13	65					1	1	1	1	9	1
2.	Dr. M. Wilson									1	1			110	10
3.	Dr. V. Sreedevi			03	27					2	8			10	18
4.	Dr. D. Kinslin				62						22			22	6
5.	Dr. R. Radhika			3	31			24.8	1032.5	1	6	1	1	9	8
6.	Dr.V.P.Velmurugan			1	4			20.0	1577.50	1	1	-	-	1	4
7.	Dr.Shibin Tad. M.C				7			10.4							
8.	Mr. Deekshith			1	2			10.1							
9.	Mr.S.FeninSamuel				1			10.4							
10.	Mrs. Kavitha Rani				2										
11.	Ms. Rajeswari, M			1	2										
12.	Mr. Raja Suthan. S				3										
13.	Mrs. Jasbin Bino. P														
14.	Mrs. Asha. K														
15.	Mrs. Veena. V.S														

### 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.V.Sreedevi	2017 IEEE Conference on Industrial Engineering and Engineering Management, Singapore	Risk reduction Using grievance handling Mechanism in Handloom Industry	10-13 <sup>th</sup> Dec. 2017
2	Dr. R.Radhika	ICBMSI, Chennai	Overview on social media towards consumers decision making process	22 April 2018
3	Dr. R.Radhika	ICBMSI, Chennai	A Summary on Progression of Social Media Maketing	27, May 2018

**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.	Dr. K. A. Janardhanan	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
2.	Dr. M. Wilson	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
3.	Dr. V. Sreedevi	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
4.	Dr. D. Kinslin			
5.	Dr. R. Radhika	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
6.	Dr. V. P. Velmurugan	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
7.	Dr. M. C. Shibin Tad	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
8.	Mr. Deekshith	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
9.	Mr. Fenin Samuel	CLASH / OF TITANS	National	6 <sup>th</sup> April 2018
10.	Mrs. Kavitha Rani. R	EXPONUS - 2018	National	20 <sup>th</sup> Mar - 2018
11.	Ms. Rajeshwari. M	EXPONUS - 2018	National	20 <sup>th</sup> Mar - 2018
12.	Mr. Raja Suthan. T	EXPONUS - 2018	National	20 <sup>th</sup> Mar - 2018

S. No.	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
13.	Mrs. Jasbin Bino. P	EXPONUS - 2018	National	20 <sup>th</sup> Mar - 2018
14.	Mrs. Asha. K	EXPONUS - 2018	National	20 <sup>th</sup> Mar - 2018
15.	Mrs. Veena. V.S	EXPONUS - 2018	National	20 <sup>th</sup> Mar - 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.	Dr. K.A. Janardhana n	India Needs a Change in Approach Towards Disaster Management	International Journal of Applied Business and Economic Research,	Volume 15, ISSN/IS BN: 0972-7302. (Scopus Journal).	2017	
2.	Dr. V. Sreedevi	Effectiveness of Product placements in Tamil Cinemas in Tamilnadu	International Journal of Management and Social Science Research Review	Vol- 1 Issue- 3	Jan - 2018	143- 48
3.	Dr. V. Sreedevi	Risk reduction Using grievance handling Mechanism in Handloom Industry	IEEE Xplore		Feb - 2018	1194-1197
4.	Dr. V. Sreedevi	Awareness in product Placement among Tamil Cinema viewers	International Journal of Pure and Applied Mathematics	119(2)	May-- 2018	275-286
5.	Dr.R.Radhika	Classification and potential of Advertising on social network	Indian Journal of Applied Research	ISSN NO- 2249-555X, VOL-8, Issue-6	June- 2018	25
6.	Dr.R.Radhika	Green Banking: A Selected Public Sector Banks in India	NISMA ISSN No: 0973-3957,	VOL-X, No-3	April- June 2018	5-11
7.	Dr.R.Radhika	Expatriates from Tamil Nadu: An Overview	NISMA ISSN No: 0973-3957,	, VOL-X, No-3	April- June 2018	24-27
8.	Dr. V. P. Velmurugan	A Study on Customer	IJRREM ( International	Vol 1 Issue 11	Novemb er 2017	90-108

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		Satisfaction towards LIC with Special reference to Nagercoil	Journal of Research Review in Engineering and Management			
9.	Dr. M.C.Shibin Tad	India Needs a Change in Approach Towards Disaster Management	International Journal of Applied Business and Economic Research,	Volume 15, ISSN/ISBN: 0972-7302. (Scopus Journal).	2017	
10.	R. Kavitha Rani	A study on Digital Marketing current Scenario	Perspectives for Modern Marketers	Vol 8 ISSN NO97-93-4734	FEB 2017	39
11.	R. Kavitha Rani	Digital Learning influences Educational sector in India	International Journal of Management	Vol 1 ISSN NO 97-93-4734	Sep 2017	41
12.	R. Kavitha Rani	Marketing problems faced by self help groups	NISMA	VOL 0 ISSN NO 97-93-4734	Aug 2017	1
13.	Rajeshwari M	Role of MSMEs in Indian Economy	NISMA	VOL 1	2017	59-62
14.	Rajeshwari M	Employee Attrition in IT Industry	International Journal of Applied Business and Economics Research	VOL 15, ISSN:0972-7302	2017	13-22
15.	T. RajaSuthan	Micro Financing Institution	NISMA	VOL 1	2017	175

#### 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 2017-18		Total	Community													Existing Students, Strength			Pass Percentage of outgoing batch				
		F	M		OC		BC		BC	MBC/DNC	SC		SCA		ST	II		III		I		V			
					M	F	M	F	M	FM	F	M	F	M	FM	F	M	F	M	F			M	F	
1.	BBA	9	63	72	3	-	32	5	27	3	-	1	-	-	-	-	-	22	3	15	2	-	-	22	
2.	B. Com	6	8	14	-	-	6	2	2	4	-	1	-	-	-	-	-	4	2	-	-	-	-	50	
3.	MBA	10	35	45	-	-	10	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	9	86
4.	M.Phil. Programme	03	03	06	-	01	03	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	Ph.D Programme	01	05	06	-	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Diploma Certificate Courses (if any)																								
7.	MOOC/NPTEL/UGC online courses offered																								
	Total	29	114	143	3	-	52	49	11	7	-	2						8	5	15	2	37	9	158	

**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
	BBA	18	MBA	32	6	-	6			10

**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)							

S. No.	Nature of Scholarship	P.G.		M.Phil.		Ph.D.		Total Amount Rs.
		M	F	M	F	M	F	
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	BBA	29	6	19	8	25	6	23	5	16	6	17	3				
2	B.Com	10	5	8	3	6	3	6	4	-	-	-	-				
3	MBA	49	18	45	15	46	34	46	32								

#### 17. Placement Details:

<b>Name of the Placement co-ordinator : Deekshith</b>			
<b>Phone/Mobile Number :e-mail: <a href="mailto:dichi28@gmail.com">dichi28@gmail.com</a>, 8148642903</b>			
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	04	-
2	Number of Placements obtained through Campus Interview	02	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	8.8	

#### 18. Outstanding achievements by the Faculty Members: I

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, Programe Committee, Course Committee etc.

S.No	Name	Date
1.	I Programme Committee - S1 M. Phil	06.10.2017
2.	II Programme Committee - S1 M. Phil	30.10.2017
3.	III Programme Committee - S1 M. Phil	30.11.2017
4.	I Programme Committee – S2 M. Phil	26.02.2018
5.	II Programme Committee – S2 M. Phil	05.04.2018
6.	III Programme Committee – S2 M. Phil	10.05.2018
7.	I Programme Committee – S1 MBA	18.09.2017
8.	II Programme Committee – S1 MBA	30.10.2017
9.	III Programme Committee – S1 MBA	30.11.2017
10.	I Programme Committee – S2 MBA	26.02.2018
11.	II Programme Committee – S2 MBA	05.04.2018
12.	III Programme Committee – S2 MBA	10.05.2018
13.	I Programme Committee – S3 MBA	21.08.2017

S.No	Name	Date
14.	II Programme Committee – S3 MBA	25.09.2017
15.	III Programme Committee – S3 MBA	30.10.2017
16.	I Programme Committee – S4 MBA	19.03.2018
17.	II Programme Committee – S4 MBA	05.04.2018
18.	III Programme Committee – S4 MBA	23.04.2018
19.	Programme Committee – BBA(1 YEAR)	9-5-2018
20.	Programme Committee – BBA(II &III YEAR)	18-4-2018
21.	Programme Committee – B.Com	18- 4-2018

**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			

**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	1340	7	No. of titles available	
2	Books added during the year 2015		8	No. of CDs and Digital Books available	44
3	No. of Indian Journals/ Magazines	18	9	No. of Foreign Magazines/Journals	4
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	NAD membership 10. Faculty members 11. 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 :**

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

**27. MOUs signed : 1 (with Sunway University, Malaysia)**

**28. Innovations and Best Practices :**

**29. Academic Flexibility :**



<b>S.No</b>	<b>Courses offered</b>	<b>Platform (MOOC, NPTEL, etc.)</b>	<b>No. Students enrolled</b>	<b>No. of Students Passed</b>
<b>1.</b>	Human resources management	MOOC	Nil	
<b>2.</b>	Environment sustainability	MOOC	Nil	
<b>3.</b>	Business Analytics & Data Mining Modeling Using R	MOOC	Nil	
<b>4.</b>	Data Base Management System	MOOC	Nil	
<b>5.</b>	Innovation, Business Models and Entrepreneurship	MOOC	Nil	
<b>6.</b>	Introduction to Operations Research	MOOC	Nil	
<b>7.</b>	Introduction to probability and Statistics	MOOC	Nil	
<b>8.</b>	Marketing Management-I	MOOC	Nil	
<b>9.</b>	Stress Management	MOOC	Nil	
<b>10.</b>	Total Quality Management - I	MOOC	Nil	
<b>11.</b>	Business Economics	MOOC	Nil	

**NAME OF THE DEPARTMENT: DEPARTMENT OF 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

**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	25	13	jeyakumarmk@yahoo.com
2	Dr.J.R.Jeba	M.C.A., M.Phil, Ph.D	Associate Professor & HOD	Data Mining	20.8	8	jrjeba@rediffmail.com
3	Dr.M. Victor Jose	M.E, Ph.D	Associate Professor	Grid Computing	19.10	7	mvictorjose@gmail.com
4	Prof.S.Beulah	M.C.A., M.Phil,(Ph.D)	Associate Professor	Cloud Computing	19.5	3	stephenbeulah@rediffmail.com
5	Dr.R.V.Siva Balan	M.C.A., M.Phil, Ph.D	Associate Professor	Software Engineering	11.6	10	rvsivan@gmail.com
6	Dr.U.Kumaran	M.E, Ph.D	Assistant Professor	Networking	15.1	4	kumaran.u@rediffmail.com
7	Dr.A.C.Subhajini	M.S., M.Phil, Ph.D	Assistant Professor	Neural Networks	14	7	acsuhajini@yahoo.com

**3. Faculty Members Achievements /Performance:**

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1	Dr.M.K.Jeya Kumar	3		14	77	18				1	1	4	7	1	7
2	Dr.J.R.Jeba	2		10	13					1	11			1	6
3	Dr.M. Victor Jose	2		1	12	14				1	1			1	5
4	Prof.S.Beulah	2		2	3	8	12				3				
5	Dr.R.V.Siva Balan	3			27	37				1		2	2	1	8
6	Dr.U.Kumaran	1		2	5	3				1				1	
7	Dr.A.C.Subhajini	2		2	8	18				1	3			1	5

**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	Dr.J.R.Jeba	External Expert	Doctoral Committee Meeting	-	Manonmaniam Sundaranar University, Tirunelveli 10.08.2017

**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:**

Sl.No	Author	Title of the Paper	Journal Name	Vol., No., Pg	Month & Year of Publication	Impact Factor/SNIP/SJR	Scopus/S CI Index
1.	D.S.Misbha J.R.Jeba	Comparison of RECSS Algorithm with EARH and NMEARH	International Journal of Control Theory and Applications	Volume 10, Number 27	2017	8.4	-
2.	D.S.Misbha J.R.Jeba	A Survey on Optimal Job	International Journal of	Vol. 7, Issue 8, ( Part -	August 2017,		

		Scheduling Algorithms for Data mining in Cloud Environment	Engineering Research and Application	4) pp.60-65		5.179	-
3.	Cincy W.C J.R.Jeba	Survey on Query optimization for Declarative Crowdsourcing Systems	International Journal of Control Theory and Applications	Vol.10, No:27,	Oct 2017	SJR 0.17	
4.	Cincy W.C 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	<b>2018</b>	DOI: 10.5815/ijisa.2018.03.04	
5.	Cincy W.C J.R.Jeba	Performance Analysis of Novel Hybrid A-BAT Algorithm in Crowdsourcing Environment	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 12, Number 24 (2017) pp. 14964-14969	<b>2017</b>		
6.	Josemila Baby J.R.Jeba	<u>Survey Paper on Various Hybrid and Anomaly based Network Intrusion Detection System</u>	Research Journal of Applied Sciences, 2017	Volume 12 Issue 3 Pages 304-310	2017		
7.	D.S.Mishra J.R.Jeba	<b>Performance Evaluation</b>	<b>JEAS</b>		<b>Accepted</b>		

		<b>of Proposed Algorithm in Streaming Warehouses</b>					
8.	Josemila Baby J.R.Jeba	Mining of Network Data for Intrusion Detection using Multi-Dimensional Hierarchical K Means Clustering employed with Hybrid ABC-DT	Medwell Journals		Accepted		
9.	Cincy W.C J.R.Jeba	A novel meta heuristic based query optimization technique On Crowd sourcing environment using a-fly algorithm	Journal of Advanced Research in Dynamical and Control Systems	Vol. 9. Sp 14 / 2017	2017		
10.	D.S.Misbha 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		
11.	D.S.Misbha 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		

**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 2017-18		Total	Community												Existing Students, Strength				Pass Percentage of outgoing batch			
		F	M		OC		BC		BCM		MBC/DNC		SC		SCA		ST		II			III		
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	
	UG Programme																							
	PG Courses	13	11	24	1	1	1	1	0			1								12	10	16	16	87.5
	M.Phil. Programme																							
	Ph.D Programme	3	4	7	1	1	2	3																
	Diploma Certificate Courses (if any)																							
	MOOC/NPTEL/UGC online courses offered																							
	<b>Total</b>																							

**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	F	P	Total
1	-	-	MCA	29	-	-	-	-	-	-	-

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

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

**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	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	MCA	2	1	2	2	22	16	22	13	31	28	31	31

**17. Placement Details:**

<b>Name of the Placement co-ordinator : Dr.R.V.SivaBalan</b>			
<b>Phone/Mobile Number : 9944071041 e-mail: <a href="mailto:rsvivan@gmail.com">rsvivan@gmail.com</a></b>			
<b>Number of Placement Programmes:</b>			
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:**

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	Course Committee : 15/11/2017 Programme Committee : 29/08/2017, 04/10/2017, 03/11/2017, 16/02/2018,21/03/2018, 19/04/2018 Class Committee : S5 MCA : 10/07/2017, 10/09/2017 S3 MCA : 20/08/2017, 09/10/2017 S2 M CA : 24/02/2018, 14/3/2018, 18/4/2018,17/5/2018 S4 MCA : 24/02/2018, 22/03/2018, 25/4/2018	

**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			

**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	1052	7	No. of titles available	
2	Books added during the year 2017	305	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	7	11	Average No. of books Issued per day	1 or 2
6	Availability of Internet	-	12	Availability of Language Lab	-



S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
	(Specify the Capacity) (e.g. - 8 Mbps etc.,)		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.

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 :

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.	Jeba.J.R	Workshop on Research Methodology	08-03-2018 to 09-03-2018
2.	S. Beulah	Five days FDP on Data Science and Data Analytics by ICTACT	27-11-2017 to 01-12-2017
3.	S. Beulah	Two day Workshop on Latex Conducted by NICHE	21-12-2017 to 22-12-2017
4.	S. Beulah	Applied Mathematics and theoretical computer science	01-02-2018 to 03-02-2018
5.	S. Beulah	Two day Workshop on Research Methodology Conducted by NICHE	08-03-2018 to 09-03-2018
6.	Dr. U.Kumaran	Four day hands-on workshop on network performance analysis using NS-3	27-12-2017 to 30-12-2017
7.	Dr. AC Subhajini	HADOOP(HORTONWORKS) by ICTACT	19-6-2018 to 23-6-2018

## NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

### 1. Department Details :

Name of the School	Faculty of Mechanical Engineering
Name of the HOD, Phone No. and E-mail ID	Dr.N.Abilash,9442538863, <a href="mailto:niceabi@rediffmail.com">niceabi@rediffmail.com</a>
Year of Establishment	1996
Telephone Number	9486856128
Website / E mail	<a href="http://www.niumechanical.com">www.niumechanical.com</a> / <a href="mailto:nichemech@gmail.com">nichemech@gmail.com</a>

### 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.Chandrashekar	Ph.D	Professor & PVC of NIU	Applied Mechanics	35	7	<a href="mailto:drncshekar60@yahoo.com">drncshekar60@yahoo.com</a> 9486856103
2.	Dr.M.Dev Anand	ME, MBA, Ph.D	Professor & Director (Research)	Intelligent Robotics	15	13	anandpmt@hotmail.com 9486758653
3.	Dr.G.M. Joselin Herbert	ME, Ph.D	Professor	Thermal Engineering	17	11	<a href="mailto:joselindev@yahoo.com">joselindev@yahoo.com</a> 9442381611
4.	Dr.R.Rajesh	ME, Ph.D	Professor & Head	Manufacturing	20	10	rajesh1576@yahoo.com 9894434131
5.	Dr.N.Ramasamy	ME, Ph.D	Professor	Engg. Design	31	7	nramasamy2002@yahoo.com 9486085018
6.	Dr.N.Abilash	ME,Ph.D	Associate Professor	CIM	11	8	niceabi@rediffmail.com 9442538863
7.	Dr.R.Rajesh	ME,Ph.D	Associate Professor	Manufacturing Engineering	10	7	rajesh200345@yahoo.com 948882073
8.	Dr.K.S.Jai Aultrin	ME,Ph.D	Associate Professor	Manufacturing Engineering	9	7	<a href="mailto:aultrin2010@gmail.com">aultrin2010@gmail.com</a> 7598236159
9.	Mr.S.Raja	ME	Assistant Professor	CIM	11	5	srajame@rediffmail.com 9442177584
10.	Mr.S.Jenkins Hexley Dhas	ME	Assistant Professor	Machine Design	16	7	jenkinsdhas@yahoo.com 9486059241
11.	Mr.P.Jerold Jose	ME	Assistant Professor	Welding technology	8	5	jeroldjose@yahoo.co.in 9003989637
12.	Mr.R.Ramesh Palappan	M.E	Assistant Professor	Energy engineering & Management, Thermal Power Engg	17	5	rrpalappan@gmail.com 9486011477
13.	Mr.A.K.Ratheesh	ME	Assistant Professor	Thermal Engg.	11	5	<a href="mailto:ratheeshudhaya@gmail.com">ratheeshudhaya@gmail.com</a> 9600277105
14.	Mr.A.Unni Krishnan	ME	Assistant Professor	Thermal Engineering	16	5	unnikrishnan230575@gmail.com 9486270797
15.	Mr.S.Selvan Nambi	ME	Assistant Professor	Manufacturing Technology	11	5	selvannambai78@yahoo.com 9578739365
16.	Mr.B.V.Subhanandh	ME	Assistant Professor	CAD/CAM	6	-	<a href="mailto:bvanandh@yahoo.com">bvanandh@yahoo.com</a>
17.	Dr.M.Satheesh	ME, Ph.D	Assistant Professor	Welding	15	5	satheeshmechengg@gmail.com 9943757627
18.	Mr.K.Eqbert	ME	Assistant Professor	CAD	4	3	<a href="mailto:eqbertmicheal@gmail.com">eqbertmicheal@gmail.com</a> 8300104776
19.	Mr.T.Judson Durai	ME	Assistant	Manufacturing	8	4	<a href="mailto:judsondurai@yahoo.in">judsondurai@yahoo.in</a>

			Professor	Engineering			9962708310
20.	Mr.M.Aniber Benin	ME	Assistant Professor	Manufacturing Engineering	3	3	<a href="mailto:benin.m@gmail.com">benin.m@gmail.com</a> 9442500004
21.	Mr.S.Subash	ME	Assistant Professor	CAD/CAM	6	-	<a href="mailto:subashmail12@gmail.com">subashmail12@gmail.com</a> 9486864170
22.	Mr. Jegan T	ME	Assistant Professor	CAD	15	-	<a href="mailto:tjegan63@gmail.com">tjegan63@gmail.com</a> +91-8300271870
23.	Mr. Dinesh R	ME	Assistant Professor	Automobile	-	-	<a href="mailto:dineshrock26@gmail.com">dineshrock26@gmail.com</a>
24.	Mr. V Suresh Babu	ME	Assistant Professor	Engineering design	6	-	<a href="mailto:v.sureshbabu@ymail.com">v.sureshbabu@ymail.com</a> +91-8122429611
25.	Mr. R Rabin	ME	Assistant Professor	Manufacturing Engineering	-	-	<a href="mailto:rabinshbin@gmail.com">rabinshbin@gmail.com</a> 8883259982

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1	Dr.N.Chandrashekar				35										5
2	Dr.M.Dev Anand	5	5	22	73		90					8	4		12
3	Dr.G.M. JoselinHerbert	5	5	4	22	91	616	330	385			1			3
				Reviewed	Cumulative										
				7	33										
4	Dr.R.Rajesh	6	6	22	73		120					1			12
5	Dr.N.Ramasamy			3	8										
6	Dr.N.Abilash	3	3		11		54								3
7	Dr.R.Rajesh	2	2	6	15		18								2
8	Dr.K.S.Jai Aultrin	1	1	4	11										3
9	Mr.S.Raja				5										
10	Mr.S.Jenkins HexleyDhas			1	3										
11	Mr.P.Jerold Jose			1	5										
12	Mr.R.RameshPalappan			1	3										
13	Mr.A.K.Ratheesh			1	3										
14	Mr.A.Unni Krishnan		1	2	6		22								
15	Mr.S.Selvan Nambi			1	6										
16	Dr.M.Satheesh		3		14		24								8

17	Mr.K.Eqbert				1										
18	Mr.K.Vijay														
19	Mr.T.Judson Durai				2										
20	Mr.M.Aniber Benin				3										
21	Mr.S.Subash				4										
22	Mr. Jegan T														
23	Mr. Dinesh R														
24	Mr. V Suresh Babu														
25	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- university college of engineering, Nagercoil	Advances in materials, manufacturing and propulsion.	2018
2	Dr.N.Ramasamy	Workshop-NICHE	Workshop on online MOOC courses	2018
3	Dr.N.Abilash	Workshop-NICHE	<ul style="list-style-type: none"> <li>Workshop on online MOOC courses.</li> <li>Workshop on outcome based educations.</li> </ul>	2018
4	Dr.R.Rajesh	Workshop-NICHE	<ul style="list-style-type: none"> <li>Workshop on online MOOC courses.</li> <li>Workshop on outcome based educations.</li> </ul>	2018
5	Mr.R.RameshPalappan	Seminar- SECAB Institute, Vijayapuram.	Heat transfer enhancement of PLSY based heat pipe.	2017

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
6	Mr.S.SelvanNambi	Workshop- university college of engineering, Nagercoil. Conference- Rohini college of engineering and technology, Kanyakumari.	Advances in materials, manufacturing and propulsion. Safety and maintenance of wind turbine generators.	2018
7	Mr.K.Eqbert	Workshop-NICHE	<ul style="list-style-type: none"> <li>Workshop on online MOOC courses.</li> <li>Workshop on outcome based educations.</li> </ul>	2018

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

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Mr.Cyril Xavier/Senior Engineer	BSNL	INDIA	22.08.2017	Orientation programme
2	Mr.Rakesh/Technical support Engineer	CIPET	INDIA	10.04.2017	Workshop
3	Mr.Lingeswaran/Technical support Engineer	CIPET	INDIA	10.04.2017	Workshop
4	Mr.Ananthan/Scientist	NPCIL	INDIA	22.09.2017	Symposium
5	Mr.Suban Abubacker/CEO	Acumen Global Pvt.Ltd	INDIA	15.02.2018	Gust lecture
6	Mr.P.K.Khare/Head/Safety Department	NPCIL	INDIA	08.03.2018	Symposium

**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	Mr.S.Raja	External Expert	Technical seminar	ARMS-2018	Rohini college of Engineering 05/02/2018

**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
1.	Dr.M.Dev Anand	Workshop	Ph.D Scholars	05-11-2017
2.	Dr.M.Dev Anand	Workshop	Ph.D Scholars	11-12-2017- 20-12-2017
3.	Dr.B.Bavanish	Seminar	State	22-08-2017

4.	Prof.Jerold jose	Seminar	State	10-04-2017
5.	Dr.Abilash	Symposia	State	22-09-2018
6.	Prof Unni krishnan	Workshop	State	15-02-2018
7.	Prof.Raja	Workshop	state	20/03/18 to 28/03/18
8.	Dr.Abilash	Symposia	State	08-03-18 to 09-03-2018
9.	Prof.Raja	Workshop	state	01/03/2018 To 15/03/2018
10	Prof.Raja	Workshop	state	06/08/2018 To 18/08/2018

#### 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	Dr.G.M.Joselin Herbert	Manufacturing of prototype wind turbine blades using rapid prototype technology.	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P):2249-6890	Vol.8(2)	April 2018	103-112
2	Dr.G.M.Joselin Herbert	Analysis of new modelled twisted wind turbine blades.	International Journal of Mechanical Engineering and Technology. On line ISSN: 0976-6359	Vol.8(2)	Dec. 2017	1148-1166
3	Dr.G.M.Joselin Herbert	Design and Analysis of Wind Turbine Blades.	International Journal of Mechanical Engineering and Technology	Vol.9 (4)	April 2018	102-115
4	Dr.G.M.Joselin Herbert	Global renewable energy indicators for sustainable development.	International Journal on Future revolution in computer science & communication Engineering (IJFRCSCE)	Vol.3(11)	Nov. 2017	162-170

<b>S. No.</b>	<b>Author(s)</b>	<b>Title of the paper</b>	<b>Journal with ISSN</b>	<b>Volume No. Issue No.</b>	<b>Year of Publication</b>	<b>Page(pp)</b>
5	Dr.G.M.Joselin Herbert	Biogas yield potential research of the waste from banana by anaerobic digeetion.	International Journal of Mechanical Engineering (IJMET)	Vol. 8(7)	Jul.2017	474-482
6	Prof. A.Unnikrishna n	Biogas yield potential research of the waste from banana by anaerobic digestion.	International Journal of Mechanical Engineering (IJMET)	Vol. 8(7)	Jul.2017	474-482
7	Prof. S.Selvan Nambi	Analysis of new modelled twisted wind turbine blades.	International Journal of Mechanical Engineering and Technology. On line ISSN: 0976-6359	Vol.8(2)	Dec. 2017	1148-1166
8	Prof. S.Selvan Nambi	Manufacturin g of proto type wind turbine blades using rapid prototype technology.	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P):2249-6890	Vol.8(2)	April 2018	103-112
9	Prof. S.Selvan Nambi	Design and Analysis of Wind Turbine Blades.	International Journal of Mechanical Engineering and Technology	Vol.9 (4)	April 2018	102-115
10	Godwin Glivin M. Edwin & S. Joseph Sekhar	Techno-Economic Studies on the influences of non-uniform feeding in the biogas plants of Educational Institutions	Environmental Progress & Sustainable Energy		2018	

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
11	Godwin Glivin & Joseph Sekhar S	Studies on the Feasibility of Producing Biogas from Rice Waste	Romanian Biotechnological Letters		2017	
12	K. Eqbert & M. Dev Anand	Development of reducing boil off losses in LNG transportation using Polyamide as supporting material	International Journal of Civil Engineering and Technology (IJCIET)	Vol.8 (8)	2017	852-858
13	S.Subash	A review on extraction of bamboo fibres and its properties	International Journal of Advanced Chemical Science and Applications	Vol.5 (2)	2017	22-27
14	Judson Durai T. Sivapragash M. Edwin Sahayara M.	Effect of sintering temperature on mechanical properties of Mg-Zr alloy	International Journal of Mechanical and Production Engineering Research and Development	Vol.7(5)	2017	117-122
15	Neela Rajan R.R. Rajesh R. Ramanan G	Mathematical model development for viscosity of transesterified jatropha oil using box - behnken method	International Journal of Mechanical and Production Engineering Research and Development	Vol.7 (4)	2017	361-370
16	Dhas J.E.R. Pradeep P. Gladson D. Dinesh R.	Finite element analysis on tensile property of the developed natural FRP composite	International Conference on Control Instrumentation Communication and Computational Technologies	-	2017	754-757
17	Prabha N.R. Dhas J.E.R.	Neuro fuzzy modeling and prediction of wear rate in composite	International Conference on Control Instrumentation Communication	-	2017	750-753



S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		manufacturing	and Computational Technologies			
18	Shanavas S. Dhas J.E.R	ANFIS modeling of friction stir weld parameters	International Conference on Control Instrumentation Communication and Computational Technologies	-	2017	772-777
19	Rajesh Prabha N. Edwin Raja Dhas J. Ramanan G	Finite element structural analysis of connecting rod of aa7075-Tic composite using Ansys	International Journal of Mechanical Engineering and Technology	Vol.8 (7)	2017	1102-1110
20	Gopakumar R. Rajesh R	Effect of fiber volume fraction on the abrasive resistance compressive strength and hardness of banana fiber-natural	International Journal of Mechanical Engineering and Technology	Vol.8 (7)	2017	157-165
21	Diju Samuel G. Edwin Raja Dhas J. Ramanan G. Ramachandran M	Production and microstructure characterization of AA6061 matrix activated carbon particulate reinforced composite by friction stir casting method	Rasayan Journal Chemistry	Vol.10 (3)	2017	784-789
22	Reji Kumar R. Sivapragash M.	Corrosion behaviour of magnesium tricalcium phosphate composite in simulated body fluid	International Journal of Mechanical Engineering and Technology	Vol.8 (7)	2017	345-351

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
23	Neela Rajan R.R. Rajesh R	Experimental wear study between piston ring and cylinder liner pair using Jatropha oil as lubricating oil	International Journal of Mechanical and Production Engineering Research and Development	Vol.7 (3)	2017	301-312
24	Neela Rajan R.R. Rajesh R	Experimental study on performance and emission characteristics of transesterified Jatropha biodiesel engine	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	974-986
25	Rajesh R. Dev Anand M. Benny K.N	Prediction of EDM process parameters for AISI 1020 steel using RSM	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	924-940
26	Diju Samuel G. Edwin Raja Dhas J. Ramanan G. Ramachandran M	Optimization of friction stir weld parameters using response surface method for hybrid non ferrous composites	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	912-923
27	Ramanan G. Edwin Raja Dhas J. Jai Aultrin K.S.	Multi response prediction of machining process parameters using artificial neural network	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	866-876
28	Gopu P. Dev Anand M	Experimental investigation on friction stir welding process using ANFIS model	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	886-895

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
29	Senthil Anbazhagan A.M. Dev Anand M.	Investigation and modeling on dynamic failure mode-I type crack transitions in pressure vessel geometry	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	896-911
30	Seelan K.J. Rajesh R. Liji R.F	Optimization of EDM parameters using RSM and grey relational analysis for aluminium titanium diboride (AL-TIB2)	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	1022-1033
31	Jacob Raglend I. Dev Anand M.	Inverse kinematics solution of a five joint robot using recurrent neural network algorithm	International Journal of Mechanical Engineering and Technology	Vol.8 (5)	2017	941-958
32	Siva M.M. Rajesh R. Pugazhendhi S. Sivapragash M	Effect of microstructure and hardness properties of AL2011 based composites for titanium diboride using stir casting method	International Journal of Mechanical and Production Engineering Research and Development	Vol.7 (2)	2017	187-200
33	Ramanan G. Edwin Raja Dhas J. Ramachandran M. Diju Samuel G	Influence of activated carbon particles on microstructure and thermal analysis of AA7075 metal matrix composites	Rasayan Journal Chemistry	Vol.10 (2)	2017	375-384

<b>S. No.</b>	<b>Author(s)</b>	<b>Title of the paper</b>	<b>Journal with ISSN</b>	<b>Volume No. Issue No.</b>	<b>Year of Publication</b>	<b>Page(pp)</b>
34	Suneesh E. Sivapragash M. Silan T.S	Mechanical performance of magnesium composites containing hybrid Al <sub>2</sub> O <sub>3</sub> reinforcement	International Journal of Civil Engineering and Technology	Vol.8 (8)	2017	365-378
35	Ajithraj R. Rohit I.J. Dev Anand M.	Mechanical strength prediction of TIG welded stainless steel 304 using grey RSM	International Journal of Mechanical Engineering and Technology	Vol.8 (8)	2017	840-847
36	Gopakumar R. Rajesh R	A study on the influence of fibre content on the mechanical properties of natural rubber composites reinforced with banana fibres subjected to various surface modifications	International Journal of Civil Engineering and Technology	Vol.8 (6)	2017	186-195
37	Senthil Anbazhagan A.M. Dev Anand M	Investigation of temperature distribution on combined pressure vessel column	International Journal of Civil Engineering and Technology	Vol.8 (8)	2017	889-897
38	Rajesh Prabha N. Edwin Raja Dhas J	Effect of TiC and MOS <sub>2</sub> reinforced aluminium metal matrix composites on microstructure and thermogravimetric analysis	Rasayan Journal Chemistry	Vol.10 (3)	2017	729-737

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
39	Jerold Jose J. Dev Anand M	Prediction and optimization of weld bead geometry of pulsed gas tungsten arc welded inconel 718 alloy using RSM	International Journal of Mechanical Engineering and Technology	Vol.8 (8)	2017	788-800
40	Siva M.M. Rajesh R	Tensile and SEM behaviour of stir casting AL-2011/TIB2 particulate composites	International Journal of Mechanical Engineering and Technology	Vol.8 (8)	2017	830-839
41	Ramanan G. Neela Rajan R.R. Diju Samuel G. Edwin Raja Dhas J. Rajesh Prabha N. Pradeep P	Multiple response characteristics optimization of wedm parameters for aa7075 composites by response surface grey relative analysis	International Journal of Mechanical Engineering and Technology	Vol.8 (6)	2017	667-677
42	Suneesh E. Sivapragash M. Silan T.S	Compressive and impact responses of magnesium/alumina composites	International Journal of Civil Engineering and Technology	Vol.8 (8)	2017	472-478
43	Balakrishnan N. Rajesh R. Ganesh K	Process parameters selection for laser welding of 304-stainless steel using AHP method	International Journal of Enterprise Network Management	Vol.8 (3)	2017	226-234
44	Liji R.F. Sedan K.J. Rajesh R. Pugazhendhi S	RSM and anova: An approach for selection of process parameters of edm of	International Journal of Civil Engineering and Technology	Vol.8 (6)	2017	241-250

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
		aluminium titanium diboride (al-Tib <sub>2</sub> )				
45	Anandan S. Rajesh R. Ganesh K	Evaluation through quality function deployment and analytic hierarchy process for selecting the tube material in heat exchangers at nuclear power plants	International Journal of Enterprise Network Management	Vol.8 (2)	2017	180-197
46	Samuel G.D. Dhas J.E.R	Multi-objective optimization of friction stir welded dissimilar aluminium composites using grey analysis	International Journal of Applied Engineering Research	Vol.12 (7)	2017	1279-1289
47	Rajesh Prabha N. Edwin Raja Dhas J	Design optimization of surface roughness by turning process using response surface methodology and grey relational analysis	International Journal of Mechanical Engineering and Technology	Vol.8 (8)	2017	810-818
48	Ramanan G. Edwin Raja Dhas J. Rajesh Prabha N. Shanavas S	Multi objective optimization of machining parameters for AA7075 metal matrix composite using grey - Fuzzy technique	International Journal of Applied Engineering Research	Vol.12 (8)	2017	1729-1735

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
49	Subash T. Vincent P. Sathya Prabha K	Stabilization mechanism for soil by using lime and rice husk ash as binding agents in erosion prone zone - A case study	International Journal of Civil Engineering and Technology	Vol.8 (4)	2017	1479-1493
50	Eqbert K. Dev Anand M	Development of reducing boil off losses in LNG transportation using polyamide as supporting material	International Journal of Civil Engineering and Technology	Vol.8 (8)	2017	852-858

#### 9. Details of patents applied/registered:

S.No.	Name of the Faculty	Title	Date of filling	Application No.	Sanctioned No.
1.	Mr. K. Eqbert, Dharan Sankar	New Generation Power Plant	08/05/2015	4292/CHE/2014/9040/	pending
2.	Dr. N. Chandra Shekar	Hydraulic Sun Tracker	19/08/2015	-	pending

#### 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 2017-18		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
	UG Programme	-	108	108	13	-	41	-	45	-	8	-	1	-	-	-	-	-	160	1	111	2	174	-	79.6

PG Courses	-	8	8	3	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
M.Phil. Programme																							
Ph.D Programme	2	6	8	2	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diploma / PG Diploma / Certificate Courses (if any)																							
<b>Total</b>	<b>2</b>	<b>122</b>	<b>124</b>	<b>18</b>	<b>50</b>	<b>1</b>	<b>45</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>160</b>	<b>1</b>	<b>111</b>	<b>2</b>	<b>174</b>	<b>-</b>	

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

S. No.	Degree and Subject	Nationality	State			Number of Students		Total
			TN	KL	A R	Male	Female	
1.	B.E.	INDIAN	25	83	-	108	-	108
2.	M.E.	INDIAN	2	5	1	8	-	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	108	108	CIM – 1	1	-	-	-				
			Thermal – 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	-	-	-	-	-

## 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)	-	-	-	-	-	-	-
	<b>Total</b>	<b>28</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,30,000</b>



### 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(Mech)	102	34	95	24	159	70	156	21	110	48	112	17	139	111	159	108
2.	M.E	8	5	6	4	2	2	2	2	-	-	-	-	-	-	-	-

### 17. Placement Details:

<b>Name of the Placement co-ordinator : K.Eqbert</b>			
<b>Phone/Mobile Number :8300104776</b>	<b>e-mail: <a href="mailto:eqbertmicheal@gmail.com">eqbertmicheal@gmail.com</a></b>		
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	73	-
2	Number of Placements obtained through Campus Interview	73	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	44.78%	-

### 18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.M.Dev Anand	Outstanding reviewer - Materials Science & Engineering A Achieved: November 2016	Science Direct Elsevier
2	Dr.M.Dev Anand	Recognized reviewer - Materials Science & Engineering A Achieved: November 2016	Science Direct Elsevier
3	Dr.M.Joselin Herbert	Reviewer award from Elsevier publication	Elsevier

### 19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	N.Besto	1 <sup>st</sup> prize in quiz	CSI Engg college, Thovalai
2	Antony Arun	1 <sup>st</sup> prize in quiz	CSI Engg college, Thovalai
3	Akash	1 <sup>st</sup> prize in quiz	CSI Engg college, Thovalai
4	R.Akash	2 <sup>nd</sup> prize in quiz	DMI Engg college, Aralvaimozhi
5	Arjungirish	2 <sup>nd</sup> prize in quiz	DMI Enggcollege, Aralvaimozhi
6	Antony Arun	2 <sup>nd</sup> prize in quiz	DMI Enggcollege, Aralvaimozhi
7	Mariyappan	Workshop participation	Rohini Engg college kanyakumari
8	Azith Mohammed	Workshop participation	Rohini Engg college kanyakumari

S. No.	Name of the Student	Achievements	Agency
9	Celinsowmiyapreethi.P	2 prize in paper presentation	Mecharnic 2k18 NICEH
10	Dawn k Boney	3 prize in cad modelling	Mecharnic 2k18 NICHE
11	Harikrishnan.j.s	2 prize in quiz	Mecharnic 2k18 NICHE
12	Shiburishad.C	2 prize in cad modelling	Mecharnic 2k18 NICHE

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

S.No	Name	Date	Remarks
	Course Committee Programme Committee etc.		
1.	Board of studies meeting	06.07.2017	Revising the curriculum and syllabus
2.	Board of studies meeting	15.02.2018	curriculum and syllabus
3.	Board of studies meeting	17.05.2018	Revising the curriculum and syllabus
4.	Third Program Committee meeting for B.E mech	26.10.2017	
5.	Second Program Committee meeting for B.E mech	11.09.2017	
6.	First Program Committee meeting for B.E mech	28.07.2017	
7.	Second Program Committee meeting for B.E mech	13.02.2017	
8.	First Program Committee meeting for B.E mech	11.01.2017	
9.	Second Program Committee meeting for B.E mech	28.08.2017	
10.	Third Program Committee meeting for B.E mech	15.03.2018	
11.	First Program Committee meeting for B.E mech	11.09.2017	
12.	First Program Committee meeting for M.E CIM	28.08.2017	
13.	First Program Committee meeting for M.E Thermal	29.07.2017	
14.	Third Program Committee meeting for M.E Thermal	09.11.2017	
15.	Third Course Committee meeting	24.10.2017	ME1212-Heat and mass transfer
16.	Second Course Committee meeting	25.09.2017	ME1212-Heat and mass transfer
17.	First Course Committee meeting	05.07.2017	ME1212-Heat and mass transfer
18.	Third Course Committee meeting	20.10.2017	ME 1203-Kinematics of Machinery
19.	Third Course Committee meeting	05.10.2017	Automobile engineering
20.	Second Course Committee meeting	23.08.2017	Automobile engineering
21.	First Course Committee meeting	04.07.2017	Automobile engineering
22.	Second Course Committee meeting	15.09.2017	Fluid Mechanics and Machinery
23.	Third Course Committee meeting	23.10.2017	Fluid Mechanics and Machinery

S.No	Name	Date	Remarks
24.	Third Course Committee meeting	24.10.2017	Gas dynamics and Space propulsion
25.	Second Course Committee meeting	08.09.2017	Gas dynamics and Space propulsion
26.	First Course Committee meeting	31.07.2017	Gas dynamics and Space propulsion
27.	Second Course Committee meeting	20.08.2017	Non Destructive and Evaluation testing
28.	First Course Committee meeting	04.07.2017	Non Destructive and Evaluation testing
29.	Third Course Committee meeting	23.10.2017	Engineering thermodynamics
30.	Second Course Committee meeting	21.08.2017	Engineering thermodynamics
31.	First Course Committee meeting	06.07.2017	Engineering thermodynamics
32.	First Course Committee meeting	03.07.2017	Mechatronics
33.	Second Course Committee meeting	22.08.2017	Mechatronics
34.	First Course Committee meeting	28.07.2017	Principles of Management
35.	First Course Committee meeting	06.07.2017	Kinematics of Machinery
36.	Second Course Committee meeting	22.08.2017	Kinematics of Machinery
37.	Second Course Committee meeting	20.08.2017	Machine design I
38.	First Course Committee meeting	04.07.2017	Machine design I
39.	First Course Committee meeting	03.07.2017	Engineering Materials and Metallurgy
40.	Second Course Committee meeting	22.08.2017	Engineering Materials and Metallurgy
41.	Third Class Committee meeting	26.10.2017	S3 ME THERMAL & CIM
42.	Second Class Committee meeting	21.09.2017	S3 ME THERMAL & CIM
43.	First Class Committee meeting	16.08.2017	S3 ME THERMAL & CIM
44.	Third Class Committee meeting	28.10.2017	S7 Mech B
45.	Second Class Committee meeting	20.09.2017	S7 Mech B
46.	First Class Committee meeting	11.08.2017	S7 Mech B
47.	First Class Committee meeting	15.07.2017	S7 Mech A
48.	Third Class Committee meeting	20.10.2017	S5 Mech B
49.	Second Class Committee meeting	13.09.2017	S5 Mech B
50.	First Class Committee meeting	10.08.2017	S5 Mech B
51.	Third Class Committee meeting	23.10.2017	S5 Mech A
52.	Second Class Committee meeting	15.09.2017	S5 Mech A
53.	First Class Committee meeting	09.08.2017	S5 Mech A
54.	Third Class Committee meeting	23.10.2017	S3 Mech C
55.	Second Class Committee meeting	15.09.2017	S3 Mech C
56.	First Class Committee meeting	25.07.2017	S3 Mech C
57.	Third Class Committee meeting	03.10.2017	S3 Mech B
58.	First Class Committee meeting	17.08.2017	S3 Mech B
59.	Second Class Committee meeting	15.09.2017	S3 Mech A
60.	First Class Committee meeting	16.08.2017	S3 Mech A

**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	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	Hydraulic Press	1	Practical

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
	machines	(150 TON)		
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	Mother Theresa Day Celebration	Pampam villai villagers	26/08/2017	Charles Home ,Pampan villai
2	Independence day celebration	Asaripallam villagers	15/08/2017	St.Michel Middle school,Asari pallam
3	Blood Donation	Tamil Nadu State AIDS Control Society and Blood Transfusion Council	03/03/2018	Govt. Headquarters Hospital, Padmanabhapuram

## 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 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	I3 processor, 2GB RAM and 1TB ROM	40	7	Network	LAN	40
2	Laptops	CORE TO DEO, 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	DHELL	3	10	Software/ Data base	PRO/CRIO, AUTODESK, ANSYS	50 users
5	Net Connection Wi-Fi: Wired:		40/2	11	Others	Nil	
6	Scanner	HP	01				

24. Collaborative Researches : NIL

25. Consultancies :

Sl.No	Date	Party Name	Amount
1	05-09-2017	Vijaya Group of Industries	Rs-3000/-
2.	12-04 -2018	Student from Ponjesly College of Engineering	Rs - 200/-
3	13- 04- 2018	Student from Bethlahem Institute of Engineering	Rs - 200/-

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

27. MOUs signed :

Sl.No	Name of the Company/ Institution	Month & Year
1	KKM Soft Chennai	Feb 2018
2	Accumen Software solution	March 2018

28. Innovations and Best Practices :

- Ideation and Innovation Club
- Energy club
- FAME
- Placement Training

29. Academic Flexibility :

S.No	Courses offered	Platform (MO8OC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
-	-	-	-	-

30. Others

Sl.NO	Name	Title of the Program	Duration
1.	Prof.S.Raja	Advance research in material science	5/2/2018

## NAME OF THE DEPARTMENT: NANOTECHNOLOGY

### 1. Department Details :

Name of the School	Department of Nanotechnology
Name of the HOD, Phone No. and E-mail ID	Dr. Praseetha P.K, 9486855091, <a href="mailto:crkpkp@gmail.com">crkpkp@gmail.com</a>
Year of Establishment	2009
Telephone Number	NA
Website / E mail	<a href="http://www.niuniv.com">www.niuniv.com</a> / nanohod@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. S. Balamurugan	M.Sc., Ph.D	Associate Professor	Material Science	12 yrs		<a href="mailto:scandium.chemistry@gmail.com">scandium.chemistry@gmail.com</a> , 9944387763
2	Dr. Praseetha. P. K,	M.Sc., Ph.D	Associate Professor and Head	Biotechnology	9.5 yrs		<a href="mailto:nanohod@niuniv.com">nanohod@niuniv.com</a> 9486855091
3	Dr. T. K. Sreeja,	M.E	Assistant professor	Antennas	6 yrs		<a href="mailto:sreejaeng07@gmail.com">sreejaeng07@gmail.com</a> 8056673966
4	Dr. R. S. Rimal Isaac,	M.Tech	Assistant professor	Biotechnology	7 yrs		<a href="mailto:jebashiney@gmail.com">jebashiney@gmail.com</a> 9787259614
5	Dr. M. Prabu,	M.Sc, M.Tech, Ph.D	Assistant professor	Ferroelectrics	2.5 yrs	3.5	<a href="mailto:mprabuaps@gmail.com">mprabuaps@gmail.com</a> 9943373209
6	Dr. Princy Alexander	M.Tech, Ph.D	Assistant professor	Material Science	0.5 years	1.5 years	<a href="mailto:princy.nanotech@gmail.com">princy.nanotech@gmail.com</a> 8848963988

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
	Rimal Isaac R S	-	5	-	17	2	100	1	127.5	1	1	-	-	1	-
	Praseetha P.K	-	8	5	61		212	2	288	2	18	-	5	18	5

**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				
2				

**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	Praseetha P.K	<b>Invited Talk-</b> conducted by the department of Zoology,	International Conference on Recent advancements in biotechnology“	Nanotechnology- The Promise of Tomorrow’s Biotechnological innovations,	Pioneer Kumarasamy College, on 21st February 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	<b>Praseetha Prabhakaran Kala*</b> , Fathima Mushrifa Anwar-Samath,	Synthesis and Characterization of Graphene Flakes from Graphite by Using Biosurfactant	- A Review, <i>Nano Biomed. Eng.</i> ,	10(3),	<b>2018.</b>	235-242,

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
2	Vijayakumar Subramaniyan*, Morvin Yabesh Jobu Ester, Arulmozhi, Praveenkumar, Manogar Palani, <b>P.K. Praseetha</b> ,	Identification and isolation of antimicrobial compounds from the flower extract of Hibiscus rosa-sinensis L: Insilico and Invitro approaches,	Journal of Microbial Pathogenesis, ( <b>Elsevier, IF. 2.12</b> ).	123,	<b>2018</b>	527-535,
3	Greeshma T, Philip S, Rimal Isaac R.S., <b>Praseetha P.K</b> , 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, ( <b>Elsevier, IF. 2.9</b> )	206	<b>2018</b>	10-21,
4	S. Vijayakumar*, S. Mahadevan, P. Arulmozhi, S. Sriram, <b>P.K. Praseetha</b> ,	Green synthesis of Zinc Oxide nanoparticles using Atalantia monophylla leaf extracts: Characterization and antimicrobial analysis,	Materials Science in Semiconductor Processing, ( <b>Elsevier, IF- 2.3</b> )	82,	<b>2018</b>	39-45,
	E.S. Anooj, S.J. Sreelekshmi, S.T. Gopukumar, <b>P.K. Praseetha*</b> ,	Evaluation of the Zinc Ferrite Nano particles for Bio-applications,	Int. J. Pharm. Sci. Rev. Res.,	46(1)	<b>2017</b>	22-26,

#### 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	K. Ravichandran*, <b>P.K. Praseetha</b> , T. Arun and S. Gobalakrishnan, pp. 291.	Synthesis of Nanocomposites; Synthesis of Inorganic nanomaterials, ISBN: 978-0-08-101975-7,	Wood head, <b>Elsevier Publications.</b>	<b>2018</b> ,





### 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	UG	3	3	3	3	6	6	6	6	4	3	4	3	4	4	4	3

### 17. Placement Details:

Name of the Placement co-ordinator : Dr. M. Prabu			
Phone/Mobile Number : 09943373209 e-mail : mprabuaps@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Number of Students Placed	
		Male	Female
1	Number of Students Placed	0	1
2	Number of Placements obtained through Campus Interview	0	1
3	Ratio of Placement to Students (Total number of Placement / Total number of Students)	0/2 = 0	1/2 = 0.5

### 18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. S. Balamurugan	Best Reviewer Award	Elsevier
2.	Dr. P.K Praseetha	FIST	DST

### 19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	FathimaMushrifa	Best paper Award, First Rank Holder Award	NIU

**20. Department Meetings Held:  
Course Committee**

S.No	Name	Meeting-I	Meeting-II
1.	Course Committee	23.8.18 (UG)	6.11.18(PG)

**21. Infrastructure and Research Facilities Available (Please specify equipment's more than Two Lakes 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

**22. Extension activities carried out :**

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Dengue Awareness Program	NSS	13/11/2017	NICHE

**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 Nanotechnology	3	M.Tech Nanotechnology	3	M.phil Biotechnology	4		4	PhD.	1	2	3

**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

**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 :**

**Nano Characterization Laboratory Monthly Report Details 2017-2018**

SI.No	Name of the Month	Generated Amount
1	June	Nil
2	July	2,800
3	August	Nil
4	September	Nil
5	October	4,200
6	November	4,200
7	December	7400
8	January	35,150
9	February	32,100
10	March	27,275
11	April	28,400
12	May	10,000
<b>Total</b>		<b>151,525</b>

**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: 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 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	14 yrs 5 months	9yrs	bindhu.krishna80@gmail.com, 9486598942
2	Dr. V. N.Meena Devi	M.Sc. Ph.D.	Associate Professor	Bio-energy, Environmental physics	13 years 4 months	12 years 8 months	vndevi@gmail.com 9150235295
3	C.Sagi Rani	M.Sc.,M.Phil., B.Ed.	Assistant Professor	Materials Science	9 yrs 8 months	8 yrs	Sagi_msu@yahoo.co.in 9750868394
4.	N.Y.SugirthaSuni	M.Sc., M.Phil., B.Ed.	Assistant Professor	Materials Science	9 yrs	5 yrs	sugirthasuni@yahoo.in
5	Dr.R. Ganapathi Raman	M.Sc., M.Phil., Ph.D	Assistant Professor	Crystal Growth, Nano materials, DFT	7 years 6 months	10yrs	ganapathiraman83@gmail.com
6	Mrs. I. Mani Prabha	M.Sc., M.Phil., B.Ed.	Teaching Assistant	Material Science	10 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	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1	Dr. B. Bindhu		2	2	9	4	12			2	10	-	-	13	8
2.	Dr. V. N.Meena Devi		4				40			1					

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
3.	Ms.C.Sagi Rani				1										
3.	Dr.R.Ganapathi Raman		5	6		31				1		2			
4.	Ms.N.Y.SugirthaSuni				1										
5.	I. Mani Prabha														

#### 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.	Dr. B. Bindhu	International Conference on Advanced Nanostructures (ICAN-2018), Catholicate College, Pathanamthitta, Kerala, 689645	Overview on preparation of molybdenum disulfide nanoflakes	12-14th March 2018
2.	Dr. B. Bindhu	International Conference on Advanced Nanostructures (ICAN-2018), Catholicate College, Pathanamthitta, Kerala, 689645	An indepth review on the emerging biopolymer: Poly lactic acid	12-14th March 2018
3.	Mrs.N.Y.SugirthaSuni	Second National Conference on Emerging Trends in Applied sciences& Technology(ETAST-2018)	Vibrational analysis and non linear optical studies 3-Bromo-2-Methoxy Benzonitrile using DFT	28th Feb 2018
4.	Dr.R.Ganapathi Raman	Second National Conference on Emerging Trends in Applied sciences& Technology(ETAST-2018)	Vibrational analysis and non linear optical studies 3-Bromo-2-Methoxy Benzonitrile using DFT	28th Feb 2018

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

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr.R.Valliappan,Associate Professor	Annamalai University	India	11 <sup>th</sup> Sep 2017	Invited Talk about the topic,"Fundamental of research and Medicinal Chemistry"
2	Dr.Theivashanthi,Assistant Professor	International Research centre,Kalasalingam University	India	23 <sup>rd</sup> April 2018	Invited Talk about the topic,"Advanced Nano materials and applications"
3.	Dr.S.Sebastian,Assistant Professor	St.Joseph"s College of arts and science (Autonomous),Cuddalore	India	7 <sup>th</sup> April 2018	Invited Talk about the topic,"Importance of Vibrational Spectroscopy"

**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	Presidential Address	School Day Function	Skill development	Govt Middle School,Thuckalay,28-3-2018
2	Dr.R. Ganapathi Raman	Resource person	National Seminar	Nano Technology Innovations	Department of Nano science and Nano Technology, ST.Hindu College ,Nagercoil,1-3-2018

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

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	B. Bindhu, R. Renisha, Libin Roberts, T.O. Varghese	Boron Nitride reinforced polylactic acid composites film for packaging:Preparation and properties	Polymer Testing, ISSN 0142-9418	66	2018	172-177

S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
2	B. Bindhu, K. Veluraja	Medicinal Implication of SyzygiumCumini Nut on the GrowthofBrushite Crystals	Proceedings of National Academy of Sciences, India Sci., India Section A Physical Sciences, ISSN 0369-8203	<a href="https://doi.org/10.1007/s40010-018-0490-x">https://doi.org/10.1007/s40010-018-0490-x</a>	2018	
3	Arockiasamy Ajaypraveenku mar, R Ganapathi Raman	Theoretical Spectroscopic and Second Harmonic Generations Studies of 5-Fluoro-2-Methyl Benzonitrile	Oriental journal of Chemistry	33	2017	2412-2420
4	A Ajaypraveenku mar, Shajikumar, R. Ganapathi Raman	Experimental and theoretical spectroscopic investigations of 4-Bromo-3-methylbenzonitrile	Journal of Chemical and Pharmaceutical Sciences	10 (4)	2017	1572-1578
5	Arockiasamy Ajaypraveenku mar, R Ganapathi Raman	Spectroscopic and Second Harmonic Generations Studies of 5-Bromo-2-Methoxybenzonitrile by DFT	Oriental Journal of Chemistry	33 (6)	2017	3077- 3085
6	Arockiasamy Ajaypraveenku mar, Ganapathi Raman R	Spectroscopic Analysis, Electronic, Optical and Thermodynamic Properties of 2-amino-5-fluorobenzonitrile by Ab Initio Methods	Der Pharma Chemica	9 (15)	2017	56-67
7	A. Raja,S. Ashokkumar, R. Pavithra Marthandam, J. Jayachandiran, Chandra Prasad Kathiwada, K. Kaviyarasu, R. Ganapathi Raman, M. Swaminathan	Eco-friendly preparation of zinc oxide nanoparticles using Tabernaemontana divaricata and its photocatalytic and antimicrobial activity	Journal of Photochemistry and Photobiology B: Biology		2018	<a href="https://doi.org/10.1016/j.jphotobiol.2018.02.011">https://doi.org/10.1016/j.jphotobiol.2018.02.011</a>



S. No.	Author(s)	Title of the paper	Journal with ISSN	Volume No. Issue No.	Year of Publication	Page(pp)
8	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

### 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.B.Bindhu, Mrs.C.SagiRani, Mrs.R.GeethaKumari, Mrs.N.Y.Su girthaSuni, Dr.V.N.MeenaDevi, Dr.R.Ganapathi Raman	Engineering Physics, 978-93-84295-04-2	R.K.Publis hers	2017
2	Dr.B.Bindhu , Dr. R. Ganapathi Raman	Physics Laboratory Manual, 978-93-84295-17-2	RK Publishers	2017

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

S. NO	Name of the Programme / Branch of study	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
1	UG Programme																								
2	PG Courses	7	3	10		1	3	6									3	7		5		5		100	
3	M.Phil. Programme	1	4	5	2	2	1										4	1						100	
4	Ph.D Programme	2	2	4	2	1	1																	100	
5	Diploma Certificate Courses (if any)																								
6	MOOC/NPTEL/UGC online courses offered																								
	Total	10	9	19	4	2	5	8									7	8		5		5			

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

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	MPhil Physics	Indian	Kerala	4		4
2.	Ph.D	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.	Male	-	Male	-	Male	4		5	Male	1		1
2.	Female	-	Female	5	Female	1			Female			

## 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.Sc	10	8	10	8	5	5	5	5								
2.	M.Phil	5	5	5	5												

## 17. Placement Details:

<b>Name of the Placement co-ordinator:</b> Mrs. N. Y. SugirthaSunil			
<b>Phone/Mobile Number :</b> 9487746291 <b>e-mail:</b> <a href="mailto:sugirthasuni@yahoo.in">sugirthasuni@yahoo.in</a>			
<b>Number of Placement Programmes:</b> 2			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview		3
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		3/5

### 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 Student	Achievements	Agency
1	Renjini.M.Nair	Poster presentation at the International conference on advanced nanostructures (ICAN-2018)	Post graduate and Research Department of physics, Catholic college ,Pathanamthitta, Kerala
2.	M.Subitha	Poster presentation at the International conference on advanced nanostructures (ICAN-2018)	Post graduate and Research Department of Physics, Catholic college ,Pathanamthitta, Kerala
3.	S.Nandhini	Participation in Second National Conference on Emerging Trends in Applied sciences&Technology(ETAST-2018)	Department of Chemistry, Second National Conference On Emerging Trends in Applied Sciences and Technology.
4.	S.Sujimol	Participation in Second National Conference on Emerging Trends in Applied sciences& Technology(ETAST-2018)	Department of Chemistry, Second National Conference On Emerging Trends in Applied Sciences and Technology.
5.	G.Shani	Participation in Second National Conference on Emerging Trends in Applied sciences& Technology(ETAST-2018)	Department of Chemistry, Second National Conference On Emerging Trends in Applied Sciences and Technology.
6.	D.Divya	Participation in Second National Conference on Emerging Trends in Applied sciences& Technology(ETAST-2018)	Department of Chemistry, Second National Conference On Emerging Trends in Applied Sciences and Technology.
7.	P.Abisha	Participation in Second National Conference on Emerging Trends in Applied sciences& Technology(ETAST-2018)	Department of Chemistry, Second National Conference On Emerging Trends in Applied Sciences and Technology.

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

S.No	Name	Date					
		Odd Sem			Even sem		
1.	BOS	-			26-5-2018		
2.	Programme committee	S3 M.Sc. 13-7-2017	S1 M.Sc. 14-8-2017	S1.M.Phil 18-8-2017	S4 M.Sc 29-1-201	S2 M.Sc. 23-2-2018	S2M.Phi 23-2-201
3.	Course comitte	-			8-2-2018 (S2 B.E/B.Tech)		

4.	Class committee	S3 M.Sc	S1 M.Sc	S1 M.Phil	S4 M.Sc	S2.M.Sc	S2.M.Phi
		13-8-2017	14-8-2017	18-8-2017	9-1-201	5-2-2018	5-2-2018

**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 :**

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	637	7	No. of titles available	-
2	Books added during the year 2017	85	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	-	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	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 :CIPET:IPT, Kochi

25. Consultancies : Nil

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

27. MOUs signed :Nil

28. Innovations and Best Practices :

- The department of Physics was the first to initiate the introduction of M.Phil. Programme in the University and also M.Sc. Programme in the science stream
- 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

**30. Others**

SI.NO	Name	Title of the Program	Duration
1.	Dr.B. Bindhu	Physics of Semiconductors	15-08-2017 to 20-11-2017
2.	Dr.R.Ganapathi Raman	Physics of Semiconductors	15-08-2017 to 20-11-2017
3.	I.Mani Prabha	Exploring Experimental Learning In Higher Education	12/19/2017

**NAME OF THE DEPARTMENT: SOFTWARE ENGINEERING****1. Department Details :**

Name of the School	<b>Computer Science</b>
Name of the HOD, Phone No. and E-mail ID	<b>J.P. Jayan, 9486856112, hodmsc@niuiv.com</b>
Year of Establishment	<b>2011</b>
Telephone Number	<b>04651 – 250566</b>
Website / E mail	<b>www.niu-se.in</b>

**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	44Y	16 Y	9486856108
2	Dr. J. Charles	M.Sc. M.Tech, Ph.D	Associate Professor	Software Engineering	27Y	5 Y	9443518604 9486856107 jebapillaicharles@rediffmail.com
3	Dr. S. Jerine	M.Sc., M.Phil, Ph.D.	Associate Professor	Network Security	13Y 3M	5 Y	9486007267 <a href="mailto:ssjerine@gmail.com">ssjerine@gmail.com</a>
4	Mr. J. P. Jayan	M.C.A., M.Phil, (Ph.D)	Assistant Professor	Image Processing	13Y 3M	5 Y	9488081200 9486856112 04651 230359 <a href="mailto:jejanjp@gmail.com">jejanjp@gmail.com</a>
5	Ms. J.E. Anusha Linta Kostka	B.E., M.B.A.	Assistant Professor	Wireless Technology	16Y 4M	--	9489618534 <a href="mailto:anu_kostaka@hotmail.com">anu_kostaka@hotmail.com</a>
6	Mr. V.G. Ranjith	M.Sc., M.Tech., (Ph.D.)	Assistant Professor	Image Processing	16Y 3M	--	9994272962 <a href="mailto:ranjithvgnair@gmail.com">ranjithvgnair@gmail.com</a>

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
7	Ms. C.R. Sheela Kumari	M.C.A., M.Phil.	Assistant Professor	Image Processing	18Y 3M	5Y	9790291255 <a href="mailto:Sheelaabi31@yahoo.com">Sheelaabi31@yahoo.com</a>
8	Ms. Melbin J. Reena	M.Sc., M.Phil., M.Tech., (Ph.D)	Assistant Professor	Big Data Analytics	13Y 3M	5 Y	9443449528 <a href="mailto:mjreena82@gmail.com">mjreena82@gmail.com</a>
9	Ms. M. Merlin Johnsy	M.C.A., M.Phil	Assistant Professor	Algorithms	14Y 7M	5 Y	9487249456 <a href="mailto:johnsykumar@yahoo.co.in">johnsykumar@yahoo.co.in</a>
10	Ms. V. Alan Gowri Phivin	M.C.A., M.Phil, (Ph.D.)	Assistant Professor	Data Mining	13Y 9M	5 Y	9442130260 <a href="mailto:alanshaney@gmail.com">alanshaney@gmail.com</a>
11	Ms. R.I. Heaven Rose	M.Sc.,M.Phil. (Ph.D.)	Assistant Professor	Data Mining	11Y 10M	5 Y	9965406285 <a href="mailto:heajeysa@yahoo.com">heajeysa@yahoo.com</a>
12	Mr. Anup J. Johnson	M.Sc., M.Phil., (Ph.D)	Assistant Professor	Cloud Computing	11Y 4M	5Y	9443450302 <a href="mailto:anupjohnson@yahoo.com">anupjohnson@yahoo.com</a>
13	Mr. P.V. Samuel Blessed Nayagam	M.Sc., M.Phil., (Ph.D)	Assistant Professor	Cloud Computing	11Y 1M	5 Y	9443693861 <a href="mailto:Samblessed05@yahoo.co.in">Samblessed05@yahoo.co.in</a>
14	Ms. C.V. Muthu Priya	M.Sc., M.E.	Assistant Professor	Networking	10Y 3M	--	9443386305 <a href="mailto:mpriyacv@gmail.com">mpriyacv@gmail.com</a>

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1	Dr. C. Ratnam Nadar	0	0	0	0	0	0	170	350	0	0	0	0	0	0
2	Dr. J. Charles	0	0	1	1	0	0	180	380	0	2	0	0	1	2
3	Dr. S. Jerine	0	0	4	11	0	0	125	305	5	14	0	0	0	0
4	Mr. J. P. Jayan	1	1	8	32	4	8	140	320	5	18	0	0	0	0
5	Ms. J.E. Anusha Linta Kostka	0	0	0	2	0	0	150	300	0	0	0	0	0	0
6	Mr. V.G. Ranjith	0	0	0	3	0	0	140	310	0	0	0	0	0	0
7	Ms. C.R. Sheela Kumari	0	0	3	7	0	0	150	290	5	15	0	0	0	0
8	Ms. Melbin J. Reena	0	0	3	7	0	0	130	300	3	12	0	0	0	0
9	Ms. M. Merlin Johnsy	0	0	2	5	0	0	149	298	5	15	0	0	0	0

10	Ms. V. Alan Gowri Phivin	0	0	4	8	0	0	150	300	4	13	0	0	0	0
11	Ms. R.I. Heaven Rose	0	0	3	7	0	0	150	300	4	14	0	0	0	0
12	Mr. Anup J. Johnson	0	0	1	5	0	0	130	280	6	16	0	0	0	0
13	Mr. P.V. Samuel Blessed Nayagam	0	0	2	4	0	0	125	275	5	15	0	0	0	0
14	Ms. C.V. Muthu Priya	0	0	0	0	0	0	139	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						

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

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Period
1	Mr. J.P. Jayan	National Conference, S.T. Hindu College, Nagercoil.	<i>Minutiae and texture based altered fingerprint using CNI</i>	26 February 2018

#### 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. :

S. No.	Name of the Faculty	Role	Event	Title	Venue & Date
1	Mr. J.P. Jayan	Resource Person	National Conference	New trends in Computer Science and Application	S.T. Hindu College, Nagercoil. 26 February 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
1.	Dr. S. Jerine	Technical Symposium SEBEX EXPLORA „17	National Level	13/10/2017



### 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	Altered fingerprint identification and matching using number generation techniques	IJSRCSEIT, 2456-3307	3/3	2018	1173-1182
2	Mr. J. P. Jayan	A networking smart phones for energy efficient routing in disaster recovery networks using teamfon	IJCTT, 2231-2803	59/2	2018	115-123
3	Mr. J. P. Jayan	An efficient integrity model by implementing public auditing in cloud	IJCTT, 2231-2803	59/2	2018	90-96
4	Mr. J. P. Jayan	A novel SCMAc protocol for vehicular networks to access control channel	IJCTT, 2231-2803	60/1	2018	1-8
5	Mr. J. P. Jayan	High Density Impulse Noise Reduction from Color Image	IJSRCSEIT, 2456-3307	3/5	2018	624-632
6	Ms. R.I. Heaven Rose	Multiple Class Association rules for content based Image Retrieval with efficiency	IJPAM 1311-8080	116 / 22	2017	375 - 385
7	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:

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 2017-18			Total	Community												Existing Students, Strength			Pass Percentage of outgoing batch					
		F	M	Total		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	0	0																						
	PG Courses	4	4	8	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	5	6	4	5	1	4	100
	M.Phil. Programme	18	3	21	0	1	3	1	0	0	0	2	0	0	0	0	0	0								65
	Ph.D Programme	0	0	0																						
	Diploma Certificate	0	0	0																						



**17. Placement Details:**

<b>Name of the Placement co-ordinator :</b> Mr. Anup J. Johnson			
<b>Phone/Mobile Number :</b> 9443450302		<b>e-mail:</b> anupjohnson@yahoo.com	
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	8	1
2	Number of Placements obtained through Campus Interview	0	0
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	53	25

**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
1			

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

S.No	Name	Date
1	Board of Studies	07-02-2018, 05-05-2018
2	Programme Committee(2017- 2018 ODD)	28-07-2017, 11-09-2017, 26-10-2017
3	Programme Committee(2017- 2018 EVEN)	01-02-2018, 01-03-2018, 18-04-2018
4	Department Meeting	01-07-2017, 16-08-2017, 28-10-2017, 18-12-2017, 03-02-2018, 17-02-2018, 07-03-2018, 02-04-2018
5	Class Committee (2017-2018 ODD)	16-08-2017, 22-09-2017, 04-11-2017
6	Class Committee (2017-2018 EVEN)	11-01-2018,19-02-2018, 12-03-2018, 06-04-2018

**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.	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 :**

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	934	7	No. of titles available	113
2	Books added during the year 2015	125	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	09	11	Average No. of books Issued per day	02
6	Availability of Internet (Specify the Capacity) (e.g. - 8 Mbps etc.,)	100 Mbps	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	PDC Ci3	18 10	7	Network	-	10
2	Net Connection Wi-Fi: Wired:	D – Link	10 10				
3	Printer	-	01				
4	LCD Projector	EPSON EBX 02	01				
5	Software/ Data base	-	03				
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



# 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](http://www.niceindia.com) Email: [info@niceindia.com](mailto:info@niceindia.com)



## FORMAT FOR 5<sup>th</sup> ANNUAL REPORT DATA FOR THE UNIVERSITY DEPARTMENTS FOR THE ACADEMIC YEAR 2017 – 18 (FROM 1<sup>st</sup> JULY 2017 – 30<sup>th</sup> JUNE 2018)

### NAME OF THE DEPARTMENT: MARINE ENGINEERING

#### 1. Department Details :

Name of the School	<b>Mechanical Engineering</b>
Name of the HOD, Phone No. and E-mail ID	<b>Dr. S. John Leon,</b> <a href="mailto:sjohnleon@gmail.com">sjohnleon@gmail.com</a> , 9443606221
Year of Establishment	<b>2008</b>
Telephone Number	<b>04651366380</b>
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	26 Years	--	<a href="mailto:sjohnleon@gmail.com">sjohnleon@gmail.com</a> / 9443606221
2.	Prof. Captain S. Vijayan Pillai	MBA (Marketing) Foreign going Master Mariner	Assistant Professor	IMO Regulations	5 Years	--	<a href="mailto:svpillai8@gmail.com">svpillai8@gmail.com</a> / 9946287141
3.	Mr. J. Jesin Jude Leonard	B.E. (Mech) MEO Class-I (M)	Assistant Professor	Auxiliary Machines	2.5 Years	--	<a href="mailto:jesinjude.leonard@gmail.com">jesinjude.leonard@gmail.com</a> / 9442644908
4.	Dr. V. K. Jebasingh	M.E. (Engineering Design), Ph.D.	Associate Professor	Design Engg.	9 Years	3 Years	<a href="mailto:jebasingh@live.in">jebasingh@live.in</a> / 9488500504
5.	Dr. K. S. Jai Aultrin	M.E. (Manufacturing Engineering), Ph.D.	Associate Professor	Manufacturing Engineering	11 Years	2 Years	<a href="mailto:aultrin2010@gmail.com">aultrin2010@gmail.com</a> / 7598236159
6.	Mr. N. Devabalan	Graduated from Indian	Assistant Professor	Seamanship, Fire	8 Years	--	9344415892

	Nair	Navy		Fighting and Navigation			
7.	Mr. A. K. Ratheesh	M.E. (Thermal)	Assistant Professor	Thermal Engg	12 Years	--	Ratheeshudhaya@gmail.com / 9600277105
8.	Mr. Neela Prasad U.N.	B.E. (Marine), M.Tech. (Naval Arch.)	Assistant Professor	Naval Architecture	5 Years	--	<a href="mailto:prasadmariner77@yahoo.com">prasadmariner77@yahoo.com</a> / 9994564994
9.	Mr. P. Raghuvaran	Graduated from Indian Navy	Instructor	Seamanship, Fire Fighting and Navigation	10 Years	--	raghuvaranp2@gmail.com / 9442303347
9.	Mr. S.H Vishnu	B.E. (Marine), M.Tech. (Ocean Engg.)	Assistant Professor	Ocean Engg.	8 Months	--	<a href="mailto:vishnush1990@gmail.com">vishnush1990@gmail.com</a> / 9746925009
10	Mr. J. Jenish Thomas	B.E. (Marine)	Assistant Professor	Marine Engg.	2 Years	--	<a href="mailto:jenishthomas.wlm@gmail.com">jenishthomas.wlm@gmail.com</a> , 8190049347
11	Mr. S. Manivannan	B.E. (Marine) MEO Class-IV	Assistant Professor	Marine Engg.	1.5 Years	--	<a href="mailto:manivannan@msec.org.in">manivannan@msec.org.in</a> 9790559290

### 3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		M.Phil. awarded		Ph.D. awarded		Cumulative Scholars	
		17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	17-18	Cumulative	M. Phil	Ph.D.
1.	Dr. S. John Leon			2	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	136	160	160						
5.	Dr. K. S. Jai Aultrin	2	2	2	11	0	25	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. J. Jenish Thomas							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	Nil			
2				

**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)
--------	-----------	--------------------	-------------------	------------------	---------------------	----------

				No.		
1.	S. John Leon, J.T. Winowlin Jappes, and M. Edwin Sahayaraj	Comparison of Electroless Ni-P/Ni-B on Corrosion Performance	International Journal of Engineering & Technology	7 / 1.9	2018	88-92
2.	S. John Leon, J.T. Winowlin Jappes, and M. Edwin Sahayaraj	Corrosion Performance of Annealed Electroless Ni-B-ZrSiO4 Coatings on Mild Steel	Journal of Advanced Research in Dynamical and Control System	10 / 3	2018	---
3.	Ramanan.G, Neela Rajan. R.R, Jai Aultrin. K.S and Pradeep. P	Optimization of Machining Characteristics of Hybrid Composites Using Grey Relational Technique	International Journal of Engineering & Technology	7 / 3.1	2018	158-161
4.	K.S. Jai Aultrin and M. Dev Anand	PSO Approach on Cutting Parameters in AWJM Process for Copper Iron Alloy	Jour of Adv Research in Dynamical & Control Systems	10 / 8	2018	376- 383

#### 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	9	9	5		4											12		21		11		100	
	PG Courses																									
	M.Phil. Programme																									
	Ph.D Programme																									
	Diploma Certificate Courses (if any)																									
	MOOC/NPTEL/UGC online courses offered																									
	<b>Total</b>																									

**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	5	Nil	5

**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	9	7	9	7	12	11	12	10	21	19	21	18	11	11	11	11

**17. Placement Details:**

<b>Name of the Placement co-ordinator:</b>			
<b>Phone/Mobile Number :e-mail:</b>			
<b>Number of Placement Programmes:</b>			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	6	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)	0.857	Nil
---	---	-------	-----

**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 Two Lakhs 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				

## BOARD OF RESEARCH DEVELOPMENT AND CONSULTANCY (BRDC)

### 1. Centre Details:

Name	<b>BRDC</b>
Director's Name	<b>Dr. M. Dev Anand</b>
Phone No.	<b>+(91) 9486856122, +(91) 250 462</b>
Website/E-mail	<b><a href="http://www.niuniv.com/research.html">http://www.niuniv.com/research.html</a>, <a href="mailto:dir-research@niuniv.com">dir-research@niuniv.com</a></b>

### 2. Board of Research and Development:

Sl. No.	Name	Designation
1.	<b>Dr. R. Perumalsamy,</b> Vice-Chancellor, NICHE.	Chairman
2.	<b>Dr. N. Chandrasekhar,</b> Pro Vice-Chancellor, NICHE	Member
3.	<b>Dr. K. A. Janardhanan,</b> Dean, Faculty of Management Studies, NICHE.	Member
4.	<b>Dr. R. S. Vinod Kumar,</b> Dean, Faculty of EEE, NICHE.	Member
5.	<b>Dr. A. Shajin Nargunam,</b> Dean, Faculty of ICE, NICHE	Member
6.	<b>Dr. P. Nagendra Prasad,</b> Dean, Faculty of Technology, NICHE.	Member
7.	<b>Dr. V. Narayanan Nair,</b> Dean, Faculty of Civil Engineering, NICHE.	Member
8.	<b>Dr. M. K. Jeyakumar,</b> Dean, Faculty of Computer Science, NICHE.	Member
9.	<b>Dr. M. Immaculate Mary,</b> Dean, Faculty of Humanities & Science, NICHE.	Member
10.	<b>Dr. R. C. Mehta,</b> Dean, Faculty of Aeronautical and Space Technology, NICHE.	
11.	<b>Prof. S. Mohana Das,</b> Dean, Faculty of Marine Engineering, NICHE.	Member
12.	<b>Padma Shri. Dr. N. Vedachalam,</b> Distinguished Professor, Director-LPSC (Rtd.), VSSC, Trivandrum.	Member
13.	<b>Dr. N. Periasamy,</b> Professor, School of Chemistry, University of Hyderabad, Hyderabad.	Member
14.	<b>Dr. T. J. Pandian,</b> Emeritus Professor, School of Biological Sciences, M.K University, Madurai.	Member
15.	<b>Dr. M. Lakshmanan,</b> Professor of Eminence & DST Ramanna Fellow, Centre for Nonlinear Dynamics, Bharathidasan University, Triuchirapallai.	Member
16.	<b>Dr. A. Kannan,</b> Professor & Head, Department of Information Science & Technology, Anna University, Chennai.	Member
17.	<b>Dr. T. J. Apren,</b> Head, R.F System and Development Division, VSSC, Thumba, Trivandrum – 695002	Member

18.	<b>Dr. A. E. Muthunayagam,</b> Advisor, NICHE	Invitee
19.	<b>Dr. P. Thirumalvalavan,</b> Registrar, NICHE	Invitee
20.	<b>Dr. B. Krishnan,</b> Controller of Examinations, NICHE.	Invitee
21.	<b>Dr. M. Dev Anand,</b> Director - Research, NICHE Dean, Faculty of Mechanical Engineering, NICHE.	Member Secretary

### 3. Research Parameters:

Research Parameters	17 - 18	Cumulative
h index of NICHE	-	29
Citations Index	1389	4393
Publications (Scopus, SCI Web of Science, UGC Approved Journals Etc.	SCOPUS - 246 SCI/SCIE - 27	SCOPUS -1436
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	01	02	-
3.	Dr. S. Pushpa Latha	Chemistry	01	04	-	-
4.	Dr. T. M. Sharmila	Chemistry	01	-	01	-
5.	Dr. V. N. Meena Devi	Physics	01	02	01	-
6.	Dr. R. Ganapathi Raman	Physics	01	-	01	-
7.	Dr. B. Bindhu	Physics	02	02	02	04
8.	Dr. B. Krishnan	English	03	-	02	-
9.	Dr. M. Ilankumaran	English	03	04	03	04
10.	Dr. M. L. Narayanan	English	03	-	03	-
11.	Dr. M. Rakesh Babu	English	01	-	01	-
12.	Dr. R. Abilasha	English	01	-	01	-
13.	Dr. R. Jinu	English	01	04	01	-
14.	Dr. V. S. Bindhu	English	01	-	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	07	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	02	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. R. C. Mehta	Aeronautical	-	-	-	-
26.	Dr. M. Dev Anand	Mechanical	-	-	-	-
27.	Dr. J. Edwin Raja Dhas	Automobile	-	-	-	-
28.	Dr. G. M. Joseline Herbert	Mechanical	-	06	-	-

Sl. No.	Name	Faculty/ Department	Eligible Number Scholars		Number of Registered Scholars	
			M. Phil.	Ph.D.	M. Phil.	Ph.D.
29.	Dr. R. Rajesh	Mechanical	-	-	-	02
30.	Dr. Stanly Jones Retnam	Automobile	-	-	-	-
31.	Dr. M. Satheesh	Mechanical	-	-	-	-
32.	Dr. N. Abilash	Mechanical	-	02	-	01
33.	Dr. N. Anil Kumar	Aeronautical	-	06	-	-
34.	Dr. R. Rajesh	Mechanical	-	04	-	02
35.	Dr. M. Edwin Sahaya Raj	Automobile	-	06	-	02
36.	Dr. B. Bavanish	Mechanical	-	01	-	01
37.	Dr. V.K. Jebasingh	Mechanical	-	04	-	01
38.	Dr. K. S. Jai Aultrin.	Mechanical	-	04	-	02
39.	Dr. N. Ramasamy	Mechanical	-	06	-	-
40.	Dr. P. Pradeep	Automobile	-	04	-	01
41.	Dr. A. Shajin Nargunam	CSE	03	01	01	02
42.	Dr. M. K. Jayakumar	CA	03	02	01	02
43.	Dr. J. Charles	CS	01	-	01	-
44.	Dr. Julia Punitha Malar Dhas	CSE	03	04	01	02
45.	Dr. R. V. Siva Balan	CA	02	-	01	01
46.	Dr. K. Siva Sankar	IT	01	-	01	-
47.	Dr. J. Amar Pratap Singh	CSE	03	05	-	02
48.	Dr. S. Palani Kumar	IT	02	02	01	02
49.	Dr. S. Maria Celestin Vigila	IT	02	-	01	-
50.	Dr. J. R. Jeba	CA	02	-	01	-
51.	Dr. Mathu Soothana S. Kumar	IT	02	-	01	-
52.	Dr. A. C. Subhajini	CA	01	-	01	-
53.	Dr. N. Sugitha	IT	02	01	01	01
54.	Dr. J. E. Judith	CSE	01	02	-	01
55.	Dr. R. Kalai Selvi	CSE	02	02	01	01
56.	Dr. V. Mary Amala Bai	IT	01	01	-	-
57.	Dr. R. Suji Pramila	CSE	01	02	01	02
58.	Dr. S. Vinila Jinny	CSE	01	04	-	03
59.	Dr. M. Victor Jose	CA	02	06	01	05
60.	Dr. T. Brindha	IT	01	04	01	04
61.	Dr. U. Kumaran	CA	01	-	01	-
62.	Dr. A. Anitha	CSE	01	04	01	04
63.	Dr. C. P. Maheswaran	CSE	01	04	01	04
64.	Dr. P. Venkadesh	CSE	01	-	01	-
65.	Dr. S. V. Divya	IT	01	-	01	-
66.	Dr. R. Ganesan	ECE	01	-	-	-
67.	Dr. N. Santhi	ECE	-	-	-	-
68.	Dr. K S. Vijula Grace	ECE	-	-	-	-
69.	Dr. R.S. Vinod Kumar	ECE	-	-	-	-
70.	Dr. M. Sucharitha	ECE	-	04	-	04
71.	Dr. M. Mary Synthuja Jain Preetha	ECE	-	04	-	03
72.	Dr. R. S. Ganesh	ECE	-	06	-	02
73.	Dr. S. Amala Shanthi	ECE	-	06	-	01
74.	Dr. X. Felix Joseph	EEE	-	-	-	-
75.	Dr. D. M. Mary Synthia	EEE	-	-	-	-

Sl. No.	Name	Faculty/ Department	Eligible Number Scholars		Number of Registered Scholars	
			M. Phil.	Ph.D.	M. Phil.	Ph.D.
	Regis Prabha					
76.	Dr. P. Sujatha Therese	EEE	-	06	-	04
77.	Dr. H. Vennila	EEE	-	-	-	01
78.	Dr. M.P. Flower Queen	EEE	-	02	-	02
79.	Dr. K. Muthuvel	EEE	-	02	-	02
80.	Dr. J. Arul Linsely	EEE	-	04	-	03
81.	Dr. S. S. Kumar	EIE	-	-	-	-
82.	Dr. V. Amsaveni	EIE	-	04	-	-
83.	Dr. K. A. Janardhanan	MS	03	02	01	02
84.	Dr. B. Sri Devi	MS	03	-	02	-
85.	Dr. D. Kinslin	MS	-	-	-	02
86.	Dr. R. Radhika	MS	01	03	01	03
87.	Dr. M. Wilson	MS	03	06	02	06
88.	Dr. V. P. Vel Murugan	MS	01	04	02	04
89.	Dr. P. K. Praseetha	Nano	03	02	02	02
90.	Dr. K. A. Saju	Nano	01	03	-	-
91.	Dr. S. Balamurugan	Nano	02	06	01	-
92.	Dr. M. Murugan	Nano	02	04	01	01
93.	Dr. P. Nagendra Prasad	Nano	03	-	-	-
94.	Dr. M. Prabu	Nano	01	04	01	-
95.	Dr. R. S. Rimal Isaac	Nano	01	04	01	-
96.	Dr. V. Narayanan Nair	Civil	-	-	-	-
97.	Dr. M. Beena Mol	Civil	-	05	-	05
98.	Dr. Y. Stalin Jose	Civil	-	-	-	-

##### 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

SI. 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

SI. 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"> <li>• MATLAB</li> <li>• WEKA</li> <li>• NS2</li> <li>• Cloudsim</li> </ul>

### Nano Characterization Instruments

SI. 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

### Nano Synthesis Instruments

SI. 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

SI. 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

SI. 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

#### 6. List of Ph.Ds Awarded :

Sl. No.	Name of the Scholars	Supervisor's Name	Faculty	Department	Title
1.	J. Charles	Dr. R. S. Shaji	ICE	CS	Analysing the Risk Factors in Human Resource Allocation for Secure Software Development
2.	S. R. Breasha	Dr. X. Felix Joseph	EEE	EEE	Analysis and Separation of Fetal Electrocardiogram for Disease Classification
3.	K. M. Nithya Daimy	Dr. S. Edmund Christopher	MS	MS	Human Resource Management Practices in IT Industry, Kerala
4.	S.V. Divya	Dr. R. S. Shaji	ICE	CSE	An Efficient and Secured Data Forwarding Scheme for Cloud Storage Environment
5.	T. K. Sreeja	Dr. J. Jayakumari	EEE	ECE	An Efficient and Compact Multiband Antenna Design for WiMAX 4G Communication Systems
6.	G. G. Bremiga	Dr. Sharmini Enoch	EEE	ECE	An Enhanced VLSI Algorithm for Modular Multiplication in Cryptography
7.	U. Kumaran	Dr. M. K. Jeyakumar	ICE	CSE	An Efficient Scheme for Vertical Handover Decision Algorithm Based on Multiple Attributes in Vehicular Ad-Hoc Network
8.	M. Jainamboo	Dr. P. K. Praseetha	Tech	Nano.	In Vitro Antimicrobial Activity of Nanoencapsulated Antibiotics Against Multi Drug Resistant Bacteria
9.	Arockiya Selva Saroja G.	Dr. C. Helen Sulochana	EEE	ECE	Study on Statistical Based Classification of Non-Ideal Texture Images
10.	S. Gobalakrishnan	Dr. R. Ganapathi Raman	S&H	Physics	Smart Applications of Graphene Oxide and Graphene Oxide/Metal Nanoparticle Hybrid Systems
11.	N. Pradeesh Kumar	Dr. P. N. Prasad	MS	MS	Strategies of Services Marketing in New Generation Banks

Sl. No.	Name of the Scholars	Supervisor's Name	Faculty	Department	Title
12.	J. S. Dhanya	Dr. D. Kinslin	MS	MS	Work Life Balance of Women Teachers of Professional Colleges in Kerala
13.	Nisha Balakrishnan	Dr. J. Joseph	S&H	Chemistry	Synthesis, Characterization and Biological Studies of Metal (II) Complexes Derived From Isoquinoline Derivatives
14.	P. Venkadesh	Dr. Julia Punitha Malar Dhas	ICE	CSE	A Framework to Enhance the Security of Data Transmission in Stream Control Transmission Protocol
15.	Jothikumar R.	Dr. R. V. Siva Balan	ICE	CSE	Proficient Prediction of Heart Disease Using Enhanced Backtrack Pruned C4.5 Classification Algorithm and Effective Data Cleaning Technique
16.	Sanjith S.	Dr. R. Ganesh	ICE	CSE	Enhanced Lossless Encoding and Decoding Scheme for Complex Satellite Images
17.	Shibin Tad M. C.	Dr. K. A. Janardhanan	MS	MS	Community Resilience in Disaster Management
18.	Cris Abraham Kochukalam	Dr. D. Kinslin	MS	MS	Influence of Brand Experience on Brand Preference: A Study among Decorative Paint Customers in Kerala
19.	Lekshmi P.	Dr. R. Radika	MS	MS	Competency Mapping for IT Personnel in Kerala with Special Reference to Techno Park Thiruvananthapuram
20.	A. Balamurali	Dr. R. V. Sivabalan	ICE	CA	Efficient Dissemination of Weather Forecasting to Safeguard Farmers from Crop Failures using Optimized Neural Network Model
21.	Devi S.	Dr. J. John Arul Singh	S&H	Mathematics	A Study on Algebraic Graphs
22.	Shijin Kumar P. S.	Dr. V. S. Dharun	EEE	ECE	A Framework for Automatic Detection of Brain Tumor Using Texture Pattern Matrix and Clustering Algorithm.
23.	Princy Alexander	Dr. P.K. Praseetha	Tech	Nano	Surface Functionalized Nanosilica Incorporated Silk: A Novel Hybrid Biomaterial Scaffold For Bone Tissue Regeneration
24.	Salsala Abubaker	Dr. S. Nagan	CE	CE	Hybrid Optimisation Control of Tuned Liquid Column Damper in Framed Structure
25.	D. Menaka	Dr. L. Padma Suresh	EEE	EIE	A Novel Method for Land Cover Classification of multispectral Satellite Images
26.	Anoop Sreekumar R. S.	Dr. R. V. Siva Balan	ICE	CSE	Object Oriented Dependency Inversion Architecture Design for Detecting Duplication Code on

Sl. No.	Name of the Scholars	Supervisor's Name	Faculty	Department	Title
					Software Application Projects
27.	T. Vijayaraghavan	Dr. K. A. Janardhanan	MS	MS	The Study on Factors Influencing Organizational Citizenship Behaviour in IT Industry
28.	Jeba Shiney O.	Dr. J. Jayakumari	EEE	ECE	Improved Clinical Decision Support System for Down Syndrome Detection from B mode Ultrasonograms
29.	M. Jeya Sree	Dr. J. Amar Pratap Singh	CS	CS	LRDV – A method for improving reliability of service in MANETs
30.	Bindhu V.S.	Dr. R. Pranesh Kumar	S&H	English	Entrapment, Alienation and Isolation in Anita Desai's Novels –A Selective Study
31.	Gopakumar R.	Dr. R. Rajesh	ME	Mechanical	Development and Characterisation of Banana and Sisal Fiber Reinforced Natural Rubber Composites
32.	G. Ramanan	Dr. J. Edwin Raja Dhas	AEST	Aeronautical	Modelling and Optimization of Wirecut EDM Process Parameters of AA7075- PAC Metal Matrix Composites using intelligent Techniques
33.	E. Suneesh	Dr. Siva Pragash	ME	Mechanical	Development of Hybrid Composites Based on A New Quaternary MG Alloy
34.	S. Jerine	Dr. Julia Punitha Malar	CS	CS	A Novel Authentication Scheme to Detect DoS Attacks in Clustered Wireless Sensor Networks
35.	Diju Samuel G.	Dr. J. Edwin Raja Dhas	AEST	Aeronautical	Investigation on Effect of Activated Carbon and Friction Stir Welding of Similar/Dissimilar Aluminium Matrix Composites
36.	M. B. Sudhan	Dr. V. S. Dharun	ICE	CSE	An Augmented Approach for Detecting and Recognizing faces Across Motion, Blur, Illumination and pose
37.	Ezhil E. Nithila	Dr. S. S. Kumar	EEE	ECE	Computer Aided Detection of Lung Nodules in CT Images Using Swarm Intelligence
38.	Kim J. Seelan	Dr. R. Rajesh	ME	Mechanical	Process Parameter Optimization of Electrical Discharge Machining of Al-TiB <sub>2</sub> (Lm25) Using Genetic Algorithm
39.	R. Rajesh	Dr. I. Jacob Ragland	EEE	EEE	Multi-Objective Congestion Management Using FACTS Devices in a Deregulated Power System
40.	Devi Devapal	Dr. S. S. Kumar	ICE	CSE	A Novel Approach of Despeckling SAR Image Using Improved BM3D Technique
41.	Ajay	Dr. R. Ganapathi	S&H	Physics	Investigations on Selected

Sl. No.	Name of the Scholars	Supervisor's Name	Faculty	Department	Title
	Praveenkumar A	Raman			Benzonitrile Compounds by Spectroscopy and DFT Methods
42.	Tibbie Pon Symon V. A.	Dr. I. Jacob Raglend	EEE	EEE	Performance Analysis of Demand Side Management for Hybrid Renewable Energy Systems
43.	Sarath R	Dr. A. Shajin Nargunam	EEE	EIE	Quantum Cryptography Based Security Stratagem for Key Exchange in Next Generation Communication Devices
44.	Neela Rajan R. R.	Dr. R. Rajesh	Mechanical	Mechanical	A Study on Transesterified Jatropa Oil as an Alternate Fuel for IC Engines and Study of Wear Between Piston Ring and Cylinder Linear with Jatropa Oil as the Lubricant
45.	Anisha M.	Dr. S. S. Kumar	EEE	BME	Detection of Cardiac Anomaly from Fetal ECG Signals
46.	Venish A.	Dr. K. Siva Sankar	ICE	CSE	An Efficient In-Line Data Deduplication Method for Cloud Services
47.	Rajesh Prabha N.	Dr. J. Edwin Raja Dhas	ME	Mechanical	Development, Characterization and Manufacturability of AA7075 Reinforced with TiC-MoS2 Composites
48.	Ram Krishnan S.	Dr. B. Chandrachoodan Nair	MS	MS	Application of Information Technology Enabled Tools in Supply Chain Management Practices of Manufacturing Industries
49.	Asha K.	Dr. A. Merlin Thanka Joy	MS	MS	Behavioural Analysis of Rural Consumers towards Fast Moving Consumer Goods with Reference to Tamilnadu
50.	Abhilash K. S.	Dr. V. S. Dharun	EE	ECE	A Novel Method for Compression and Protection of Biometric Images

### 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, 11 <sup>th</sup> –20 <sup>th</sup> , December, 2017 at the Noorul Islam Centre for Higher Education, Kumaracoil, India	From 11.12.2017 to 20.12.2017
2.	Seminar/ Conferences, etc	-

### 8. Details of the Fellowships Obtained:

Sl. No	Name	Department	Funding Agency	Amount of Fellowship in Rs.
1.	Dalmiya C.P	ECE	Inspire	
2.	Krishna Jyothi R.R	Chemistry	JRF – Inspire	
3.	Shanila N	ECE	Maulana Azad National Fellowship	

### 9. Details of Stipend Provided

Sl. No	Name	Department	Sponsor	Amount of Fellowship
1.	Jojo Joy	MS	NICHE	6,000/-
2.	Muthu Kumaran M S	CS	NICHE	6,000/-
3.	Pooja S B	CS	NICHE	6,000/-
4.	Joneston Dhas J L	CSE	NICHE	8,000/-
5.	Ramya Ravi R	ECE	NICHE	8,000/-
6.	Sumi M S	ECE	NICHE	8,000/-
7.	Anooj E S	Nano Technology	NICHE	6,000/-
8.	Sumaiya Beevi	CSE	NICHE	8,000/-
9.	Ancy Vicky Bah S.	ECE	NICHE	8,000/-
10.	Delbio A.	English	NICHE	6,000/-
11.	Jeya Gowri K.	English	NICHE	6,000/-
12.	Santhiya M. P.	MS	NICHE	6,000/-
13.	Lija P.	MS	NICHE	6,000/-
14.	Vibala B.V.	Nano Technology	NICHE	6,000/-
15.	Renjini M. Nair	Physics	NICHE	6,000/-

### 10. Ph. D. Scholars Details Admitted during 2017-18

Sl. No.	Department	Full Time		Part Time	
		M	F	M	F
1.	Aeronautical Engineering	-	-	02	-
2.	Automobile Engineering	-	-	02	-
3.	Computer Application	-	-	02	3
4.	Computer Science	-	-	-	2
5.	Computer Science and Engineering	-	2	11	15
6.	Civil Engineering	-	-	04	01
7.	Electronics and Communication Engineering.	-	1	05	09
8.	Electrical and Electronics Engineering	-	-	03	04
9.	English	-	2	01	01
10.	Information Technology	-	-	-	01
11.	Mathematics	-	-	01	01
12.	Mechanical Engineering	-	-	06	02
13.	Management Studies	-	02	08	07
14.	Nano Technology	-	01	-	02
15.	Physics	-	02	02	-
<b>Total</b>		-	<b>10</b>	<b>47</b>	<b>48</b>

### 11. Details of NET/SET/CSIR / Qualified Students:

Sl. No	Name	Department	Year of Passing
1.	Rajesh A. V	EEE (GATE)	2011
2.	Parvathy V.	English (NET)	2012
3.	Sreejith S. Ampady	ECE (GATE)	2013
4.	Priya P. Sajan	CA (GATE)	2013
5.	Praveen K. Wilson	CSE (NET)	2012
6.	Zina Ravindran	ECE (GATE)	-
7.	Rakesh S.	ECE (NET)	2014

## 12. Details of Patents:

Sl. No.	Name & Designation of the Applicant	Title	Reference No	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
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



Sl. No.	Name & Designation of the Applicant	Title	Reference No	Remarks
16.	Dr. A. Shajin Nargunam, Professor, CSE, NICHE	Mobile Assisted Automated Disaster Support System	5780/CHE/2015	Examination
17.	Dr. Shajin Nargunam, Professor, Department of CSE, NICHE	Trusted Computing Based Security Architecture for Mobile Cloud Computing	5779/CHE/2015	Examination
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	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	Filling
27.	Dr. L. Padma Suresh, Professor, EEE, NICHE	Bacterial Foraging Based Tuned PI Controller for Buck - Boost Converter	5594/CHE/2015	Filling
28.	Dr. I. Jacob Raglend, Professor, EEE, NICHE	Design of an X-Band Antenna Model for Radar Applications	5592/CHE/2015	Filling
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	Filling
30.	Dr. S. Gopalakrishnan , Assistant Professor, Department of Nano Technology & Dr. R. Ganapathi Raman, Assistant Professor of Physics	Enhancement of Graphene Oxide Photoluminescence BY Novel Bi-Layered Structure	5508/CHE/2015	Filling
31.	Mrs. Mohamed Sirajul Muneera, Assistant Professor	Electro Fluorescent Properties of Copper Complex of	5783/CHE/2015	Filling

Sl. No.	Name & Designation of the Applicant	Title	Reference No	Remarks
	Department of Chemistry, NICHE	Pyrazoline Derivatives		
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	Filling
33.	Mrs. T.M. Sharmila, Assistant Professor Department of Chemistry, NICHE	Elective Fluorescent Property of Indole Substituted Pyrazoline Derivative	5804/CHE/2015	Filling
34.	Dr. R.S Shaji, Professor, Department of IT, NICHE	An Optimized Image Forgery Detection Technique for Cyber Forensic Application	5782/CHE/2015	Filling
35.	Dr. M. Sivapragash, Professor, Department of Mechanical Engineering, NICHE	Development Characterization of AZ31B/5SIC Magnesium Composite	5616/CHE/2015	Filling
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	Filling
37.	Dr. L. Padma Suresh, Professor, , EEE, NICHE	Novel Random Frequency Inverted Sine Carrier PWM for Three Phase Voltage Source Inverter	5598/CHE/2015	Filling
38.	Dr. I. Jacob Raglend, Professor, EEE, NICHE	Conical Rotor Induction Generator for Enhanced Wind Power Performance	5597/CHE/2015	Filling
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	Filling
40.	Dr. K.A. Janardhanan, Professor, Department of Management Studies, NICHE	A Model of Dual Investors Decision Making and Its Impact on Stock Indices Movement.	E-2/3325/2017-CHE	Filling
41.	Dr. K. A. Janardhanan, Professor, Department of Management Studies, NICHE	Investors Behaviour and Perceptions Towards Stock Market: Structural Equation Modeling Approach	E-2/3 326/2017-CHE	Filling
42.	Dr. G. Ramadas Deputy Librarian, NICHE	Manless Smart Library Management System Using AGVS and Robot	E-2/2943/2018 - CHE	Filling

### 13. List of Ongoing Project

Sl. No.	Name of the Principal Investigator	Department	Title of the Project	Name of the Funding Agency	Year	Sanctioned Order Number	Sanctioned Date	Amount
1.	Dr. M. Murugan	Biomedical Engineering	Biodiversity and Molecular Characterization	DST	2014-2017	SERB/F/3236/2014-15	02.08.2014	20.39 Lakhs

			on of Barilius Species to Resolve the Taxonomic Ambiguities Using Cytochrome C oxidase I Gene					
2.	Dr. S. Ramachandran	Mathematics	Characterization of Isomorphic Graphs, Diagraphs and Hypergraphs Using Vertex Proper Substructure	DST	2015 - 2018	SERB/F/66/2015-16	27.04.2015	23.58 Lakhs

#### 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
Print SCI 1 to SCI 6				

##### (b) SCOPUS

Sl. No	Title	Author(s)	Journal	Inspect Teacher
Print 2018 and 2017 SCOPUS				

##### (c) UGC

Sl. No	Title	Author(s)	Journal	Inspect Teacher

##### (d) Others

Sl. No	Title	Author(s)	Journal	Inspect Teacher

##### (e) Proceedings

Sl. No	Title	Author(s)	Journal	Inspect Teacher

##### (f) Books

Sl. No	Title	Author(s)	Journal	Inspect Teacher

##### (g) Book Chapters

Sl. No	Title	Author(s)	Journal	Inspect Teacher

#### 15. Consultancy:

Sl. No.	Name of the Project	Sponsoring Agency	Amount of Sponsorship in Rs.	Date
1.	Electro Chemical Workstation	Ms. Evelyn Goldy, Scott Christen College	2,800/-	July 2017
2.	UV	Dr. T. C. Sabari Girisun, Bharathidasan, University		
3.	Electro Chemical Workstation	Mr. P. Arun Kumar, Cape Institute of Technology	1,000/-	October 2017

4.	TG/DTA	Mrs. C. Sabitha, S. T. Hindu College	2,400/-	
		Mr. S. Daniel King, NICHE	800/-	
5.	TG/DTA	Mr. S. Daniel King, NICHE	1,200/-	November 2017
		Mrs. K. Rathika, Scott Christian College	1,200/-	
		Mrs. D. Pricilla, Koilpillai, St. Johns College	600/-	
		Mrs. D. Sathya, St. Xaviers College	1,200/-	
6.	TG/DTA	Mr. V. R. Arun Prakash, JNN Institute of Engineering	2,400/-	December 2017
		Mrs. S. Ponmani, Alagappa University	2,400/-	
	Ball Mill	Mr. M. Sathisk Kumar, JNN Institute of Engineering	900/-	-
		1,700/-		
7.	TG/DTA	Dr. T. C.Sabari Girisun, Bharathidasan, University	4,800/-	January 2018
		Mrs. T. Karpagam, MDT. Hindu College	6,600/-	
		Mrs. C. Sabitha, ST. Hindu College	600/-	
		Mr. M. Aniber Beuin, NICHE	4,400/-	
		Mrs. A. Ponchitra, Sadakathullah Appa College	9,200	
		Mrs. Aswathy. S. Nair, NICHE	400/-	
		Mrs. S. Ponmani, Alagappa University	2,400/-	
		Dr. T. C.Sabari Girisun, Bharathidasan, University	2,400/-	
8.	FTIR	Dr. L. Ashok, SMIDS	400/-	
		Dr. P. Vijayaragavan, Nagercoil	2,000/-	
		Dr. L. Ashok, SMIDS	400/-	
9.	Ball Mill	Mr.J.Mohamed Azith, NICHE	600/-	
		Mr. M. Mariyappan, NICHE	750/-	
10.	UV-Visible	Mr. S. Immanuel, St. Xaviers College	200/-	
11.	TG/DTA	Mrs. S. Nandhini, NICHE	400/-	February 2018
		Mr. M. Manikandan, VV College of Engineering	3,000/-	
		Mrs. N. Malavika, St. Xaviers College	4,000/-	
		Mr. V. R. Arun Prakash, JNN College of Engineering	3,000/-	
		Mrs. A. Jenifer, Urumau Dhanalakshmi College	2,000/-	
		Mrs.V. Belina, ST Johns College	600/-	
		Mrs. P. Abisha, NICHE	400/-	
		Mr. S. Subash, NIU	3,200/-	
		Mrs. M. Guru Priya, NICHE	1,200/-	
		Mr. M. Mariyappan, NICHE	2,400/-	
		Mrs. S. Sujimol, NICHE	400/-	
	TG/DTA	Mrs.J.Anusha, Rajalin Scott Christian College	600/-	February 2018
		Mr.S.C.Velladurai, JP College of Engineering	600/-	
		Mrs.S.Ponmani, Alagappa	1,800/-	

		University		
		Mrs. M.Uma Mageshwari, ST Johns College	2,400/-	
12.	FTIR	Mr. N. P. Benith, Ponjesly College of Engineering	200/-	
		Mrs. S. Nandhini, NICHE	75/-	
		Mr. M. Manikandan, VV College of Engineering	1,000/-	
		Mr. J. Sunder Raj, St. Johns College	200/-	
		Mrs. Abisha & Sujimol, NICHE	150/-	
		Mr. S. Subash, NICHE	600/-	
		Mrs. M. Priya, St. Johns College	800	
13.	UV-Visible	Mrs. S. Nandhini, NICHE	75/-	
		Mrs. N. Malavika, St. Xaviers College	400/-	
		Mrs. Abisha & Sujimol, NICHE	150	
14.	Ball Mill	Mr. C. V.Nithun, St. Xaviers College	1,100/-	
		Mr. C. Christo, MACET	500/-	
		Dr. Edwin Sahayaraj, NICHE	850/-	
15.	TG/DTA	Mrs. K. Muthu Sorna Meena, Sadakathullah Appa College	6,000/-	March 2018
		Mrs. M. Abila Jeba, Holy Cross College	700/-	
		Mrs. T. Bindhu, Nanjil Catholic College	2,400/-	
	TG/DTA	Mrs. N. Priyadarshani, Bharathidasan University	2,400/-	
		Mr. S. Padmanathan, V.O.C. College	1,200/-	
		Mrs. A. Ancy, Nanjil Catholic College	1,200/-	
		Mrs. S. Sujimol, NICHE	400/-	
		Mrs. T. Evelin, Scott Christian College	3,000/-	
		Mrs. S. Ponmani, Alagappa University	2,400/-	
		Mr. Blessing S. Sam, MEPCO SCHLENK Engineering College	800/-	
16.	FTIR	Mrs. C. S. Ahila, Annai Velankanni College	600/-	March 2018
		Mr. Beno Samuel Raj, St. Xaviers College	400/-	
		Mrs. C. P. Vyju, CMST	400/-	
		Mrs. Akshaya Varshini, Lekshmipuram College of Arts and Science	1,600/-	
17.	Ball Mill	Mr. Praveen Babu, St. Xaviers College	1,100/-	
18.	Probsonicator	Mr. C. V. Nithun, St. Xaviers College	1,000/-	
19.	UV-Visible	Mrs. Akshaya Varshini, Lekshmipuram College of Arts and Science	1,600/-	

		Mrs. S. Sujimol, NICHE	75/-	
20.	TG/DTA	Mrs. C. P. Vyju, CMST	600/-	April 2018
		Mrs. S. Ponmani, Alagappa University	5,400/-	
21.	TG/DTA	Mr. R. Hari Nivash, Stella Mary College of Engineering	1,200/-	April 2018
		Mr. T. David Willington, Nesamony Memorial Christian College	2,400/-	
		Mr. S. M. Sasikanth, NICHE	3,200/-	
		Mrs. Krishnaveni, Manonmanium Sundaranar University	4,200/-	
		Mr. V. Rajesh Kannan, Kamaraj College	3,000/-	
		Mr. N. Ezhil Raj, CMST	1,200/-	
		Mr. S. Sukil Melvin, Cape Institute of Technology	1,800/-	
		Mrs. Abila Darling, Nanjil Catholic College	600/-	
		Mrs. A. Jenifer, Urumu Dhanalakshmi College	1,800/-	
22.	FTIR	Mrs. M. Deiva Kumari, Manonmanium Sundaranar University	600/-	
		Mr. R. Hari Nivash, Stella Mary College of Engineering	400/-	
		Mrs. D. Manisha, CMST	200/-	
		Mr. N. Ezhil Raj, CMST	200/-	
23.	UV-Visible	Mr. B. Jenith, Bethlahem Institute of Engineering	600/-	
24.	Ball Mill	Mrs. R. K. Veena, University of Kerala	1,000/-	
25.	TG/DTA	Mr. V. Rajesh, Kamaraj College	1,200/-	May 2018
		Mrs. J. Subashini, St. John's College	2,400/-	
		Mrs. S. Vijayalakshmi, Sri S. Ramasamy Naidu Memorial College	4,000/-	
		Mrs. S. Ponmani, Alagappa University	2,400/-	-
26.	TG/DTA	Mrs. S. Ponmani, Alagappa University	12,000/-	June 2018

#### 16. Research Incentive for SCOPUS/SCI Publication

Sl. No.	Name	Designation	Department	Amount
1.	Jeyakumar M. K.	Professor	MCA	1,500/-
2.	Julia Punitha Malar Dhas	Professor	CSE	1,000/-
3.	Joselin Herbert G. M.	Professor	Mechanical	1,000/-
4.	Dev Anand M.	Professor	Mechanical	4,500/-
5.	Edwin Raja Dhas J.	Professor	Automobile	9,500/-
6.	Santhi N.	Associate Professor	ECE	500/-
7.	Kumar S. S.	Associate Professor	EIE	3,750/-
8.	Siva Sankar K.	Assistant Professor	IT	1,500/-
9.	Palani Kumar S.	Associate Professor	IT	250/-
10.	Flower Queen M. P.	Assistant Professor	EEE	500/-

11.	Vennila H.	Assistant Professor	EEE	2,000/-
12.	Balamurugan S.	Professor	NT	2,000/-
13.	Stanly Jones Retnam B.	Associate Professor	Automobile	1,000/-
14.	Edwin Sahaya Raj M.	Associate Professor	Automobile	500/-
15.	Judith J. E.	Assistant Professor	CSE	500/-
16.	Suji Pramila R.	Assistant Professor	CSE	500/-
17.	Shamila F.	Associate Professor	EEE	250/-
18.	Amala Shanthi S.	Associate Professor	ECE	500/-
19.	Jeba J. R.	Associate Professor	MCA	500/-
20.	Vinila Jinny S.	Assistant Professor	CSE	250/-
21.	Rajesh R. (DoB 08.05.1984)	Assistant Professor	Mechanical	500/-
22.	Arockia Selva Saroja G.	Associate Professor	ECE	500/-
23.	Joseph J.	Associate Professor	Chemistry	2,750/-
24.	Satheesh M.	Assistant Professor	Mechanical	1,000/-
25.	Jai Aultrin K. S.	Assistant Professor	Mechanical	250/-
26.	Siva Balan R. V.	Associate Professor	MCA	2,500/-
27.	Praseetha P. K.	Associate Professor	NT	500/-
28.	Murugan M.	Associate Professor	BME	500/-
29.	Gopalakrishnan T.	Assistant Professor	ECE	500/-
30.	Subhajini A. C.	Assistant Professor	MCA	1,500/-
31.	Maheswaran C. P.	Assistant Professor	CSE	250/-
32.	Jeya Sheela Y.	Assistant Professor	IT	500/-
33.	Beulah S.	Associate Professor	MCA	500/-
34.	Anitha Janet Mary S.	Assistant Professor	EEE	500/-
35.	Sinciya P. O.	Assistant Professor	CSE	1,000/-
36.	Tibbie Pon Symon V. A.	Assistant Professor	EEE	2,250/-
37.	Mary Synthuja Jain Preetha M.	Assistant Professor	ECE	500/-
38.	Jayalekshmi M. B.	Assistant Professor	IT	1,000/-
39.	Felix Stephen S.	Assistant Professor	EIE	500/-
40.	Sindia T. V.	Assistant Professor	IT	1,000/-
41.	Jerold Jose P.	Assistant Professor	Mechanical	500/-
42.	Allwin D.	Assistant Professor	Civil	500/-
43.	Neela Rajan R. R.	Assistant Professor	Aeronautical	2,500/-
44.	Berin Jeba Jingle I.	Assistant Professor	CSE	500/-
45.	Sowmy I.	Assistant Professor	BME	500/-
46.	Darwins A. K.	Assistant Professor	Automobile	1,000/-
47.	Ramanan G.	Assistant Professor	Aerospace	3,000/-
48.	Ganapathy Raman R.	Assistant Professor	Physics	1,000/-
49.	Diju Samuel G.	Assistant Professor	Aerospace	2,250/-
50.	Unni Krishnan A.	Assistant Professor	Mechanical	500/-
51.	Sharmila T. M.	Assistant Professor	Chemistry	500/-
52.	Anusha Bamini A. M.	Assistant Professor	CSE	500/-
53.	Pradeep P.	Assistant Professor	Automobile	1,000/-
54.	Heaven Rose R. I.	Assistant Professor	M.Sc. Software Engineering	500/-
55.	Reji Kumar R.	Assistant Professor	Mechanical	500/-
56.	Bindhu V. S. (DoB 08.02.1980)	Assistant Professor	English	500/-
57.	Selvan Nambi S.	Assistant Professor	Mechanical	500/-

58.	Rajesh R. (DoB 21.05.1986)	Assistant Professor (EEE)	EEE	500/-
59.	Karthikeyan L. M.	Assistant Professor	Aerospace	250/-
60.	Saju Simon S. G.	Assistant Professor	BME	500/-
61.	Egbert K.	Assistant Professor	Mechanical	5,00/-
62.	Judson Durai T.	Assistant Professor	Mechanical	1,000/-
63.	Ajith Raj R.	Assistant Professor	Aeronautical	1,000/-
64.	Rohith I. J.	Assistant Professor	Aeronautical	1,000/-
65.	Mehta R.C.	Professor	Aeronautical	1,500/-
66.	Ramachandran S.	Professor	Maths	1,500/-

### 17. Research Projects Submitted for Various Schemes

Title and Scope of Project	<b>FIST –Project (Level-1)</b>
Sponsoring Agency If any	<b>DST-FIST</b>
Project Leader	<b>Dr. R.S. Vinod Kumar</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>100 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST –Project (Level-1)</b>
Sponsoring Agency If Any	<b>DST-FIST</b>
Project Leader	<b>Dr. R.C. Mehta</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>180 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST –Project (Level-1)</b>
Sponsoring Agency if any	<b>DST-FIST</b>
Project Leader	<b>Dr. S.S. Kumar</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>275 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST –Project (Level-1)</b>
Sponsoring Agency if any	<b>DST-FIST</b>



Project Leader	<b>Dr. N. Abilash</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>117 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST –Project (Level-1)</b>
Sponsoring Agency if any	<b>DST-FIST</b>
Project Leader	<b>Dr. J. Edwin RajaDhas</b>
Year in Which Started	<b>2018-2022</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>190 Lakhs</b>
Recurring (Estimated in lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST –Project (Level-1)</b>
Sponsoring Agency if any	<b>DST-FIST</b>
Project Leader	<b>Dr. Mathusoothana S. Kumar</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>100 Lakhs</b>
Recurring (Estimated in lakhs)	-
Total (Estimated in Lakhs)	
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>An Attempt to Solve the Graph Reconstruction</b>
Sponsoring Agency If Any	<b>SERB-Project-CRG</b>
Project Leader	<b>Dr. S. Ramachandran</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>36 Months</b>
Capital (Estimated in Lakhs)	<b>0.75 Lakhs</b>
Recurring (Estimated in lakhs)	<b>20.75 Lakhs</b>
Total (Estimated in Lakhs)	<b>21.5 Lakhs</b>
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Applied to SERB (DST) for Funding in the Scheme of</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>Experimental Investigation on Vaporisation of</b>
Sponsoring Agency if any	<b>SERB-Project-CRG</b>
Project Leader	<b>Dr. M. Dev Anand</b>

Year in Which Started	<b>2018</b>
Duration in Months	<b>36 Months</b>
Capital (Estimated in Lakhs)	-
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	<b>45.90 Lakhs</b>
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Applied to SERB (DST) for Funding in the Scheme of</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>Biologically Significant Alginic Acid/ MoS<sub>2</sub></b>
Sponsoring Agency If Any	<b>SERB-Project-CRG</b>
Project Leader	<b>Dr. B. Bindhu</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>36 Months</b>
Capital (Estimated in Lakhs)	
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	<b>26,24 Lakhs</b>
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Applied to SERB (DST) for Funding in the Scheme of</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST – Project (Level-1)</b>
Sponsoring Agency If Any	<b>DST-FIST</b>
Project Leader	<b>Dr. J. Arul Linsely</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	<b>127 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Applied to SERB (DST) for Funding in the Scheme of</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>FIST – Project (Level-1)</b>
Sponsoring Agency If Any	<b>DST-FIST</b>
Project Leader	<b>Dr. M. Immaculate Mary</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>60 Months</b>
Capital (Estimated in Lakhs)	-
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	<b>39.70 Lakhs</b>
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Submitted to DST-FIST under Division: R&amp;D</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>Copper Complexes Bearing Flavone Derivatives for</b>
Sponsoring Agency If Any	<b>DST SERB</b>
Project Leader	<b>Joseph. J</b>
Year in Which Started	<b>2018</b>

Duration in Months	<b>36 Months</b>
Capital (Estimated in Lakhs)	<b>34.37 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Applied to SERB (DST) for Funding in the Scheme of</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>
Title and Scope of Project	<b>Fabrication of a Medicinal Patch for Wound Healing</b>
Sponsoring Agency If Any	<b>SERB-Project-CRG</b>
Project Leader	<b>Praseetha. P.K.</b>
Year in Which Started	<b>2018</b>
Duration in Months	<b>36 Months</b>
Capital (Estimated in Lakhs)	<b>31.58 Lakhs</b>
Recurring (Estimated in Lakhs)	-
Total (Estimated in Lakhs)	-
Foreign Exchange (in INR)	<b>0.00</b>
Remarks	<b>Applied to SERB (DST) for Funding in the Scheme of</b>
Specifies Equipment to be Purchased	<b>Available</b>
Specialized Raw Material	<b>Available</b>

## 18. Research Collaborations/ MoU/ Recognitions/Awards

(a) *At present we have collaboration agreements with the following Industries.*

- i. Nihongo Sochi, Pune
- ii. IBM India (P) Ltd, Bangalore
- iii. ICT Academy of Tamilnadu
- iv. AISER Workforce Development Company, Chennai
- v. Technical Development & Manufacturing Company, Trivandrum
- vi. Bulhead Aerodesign, Cochin
- vii. i-Nurture Education Solution Pvt. Ltd., Bangalore
- viii. APM Wind Energy Plantation Pvt. Ltd., Muppandal
- ix. Yokogawa India Limited, Bangalore
- x. CANEUS, Italy
- xi. Data Patterns, Chennai
- xii. Dhruva Space, Bangalore
- xiii. ISRO, Trivananthapuram
- xiv. Renewal of Infosys Technologies Limited, Bangalore
- xv. ADROIT CAD Solution Pvt. Ltd. Chennai
- xvi. Future Eco- Friendly Technologies (India) Pvt. Ltd.
- xvii. Springer (India) Pvt. Ltd.
- xviii. Vi Microsystems Pvt. Ltd., Chennai
- xix. Space Application Centre, India Space Research Organization, Ahmedabad

(b) *At present we have MoUs Signed with the following Intuitions.*

- i. Liverpool John Moores University, United Kingdom
- ii. Providence University, Taiwan
- iii. University Teknologi MARA, Malaysia
- iv. University of Medicine and Dentistry
- v. Vistula University, Warsaw, Poland
- vi. Doctors Academy, United Kingdom
- vii. Indo-European Centre, Vistula University
- viii. Department of Physical & Life Science, AVVM Sri Pushpam College (Autonomous) Poondi, Thanjavur District and Department of Nano Technology, NICHE

(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)
2.	Dr. M. Dev Anand/Mechanical	Awarded as an Outstanding Reviewer by Elsevier Publisher for Reviewing Articles	Materials Science & Engineering A Achieved:
3.	Dr. M. Dev Anand/Mechanical	Awarded as an Recognized Reviewer by Elsevier Publisher for Reviewing Articles	Materials Science & Engineering A Achieved:
4.	Prof. R. Ramesh Palappan/Mechanical	Awarded as an Excellent Professional Achievement Award (SPE India)	2017
5.	Dr. R.S. Vinod Kumar/ECE	Best Teacher Award	SICT Award 2017

**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 2017 – 2018**

**Research Projects & Fellowship:**

Particulars	During the Year 2017-18 (in Lakhs)
Research Projects	1,00,000
Scholar Fellowship	18,72,000

**Infrastructure:**

Particulars	During the Year 2017-18 (in Lakhs)
NIUSAT	150

**Stationary:**

Particulars	During the year 2017-18 (in Lakhs)
Printer Paper, CD, Cover, File ,Cello Tape, Pin, Printer Cartridge	0.36

**DC Meeting & Others:**

Particulars	During the Year 2017-18 (in Lakhs)
DC Meeting	24.55

**Achievements & Awards:**

Particulars	During the Year 2017-18 (in Lakhs)
Incentives	1.50

**Books And Periodicals:**

Particulars		During the Year (in Lakhs)
Subject Name	Title	2017-18
E-Journals	IEEE, Science Direct, Emerald	30

**Programmes/ Seminar/ Symposium etc., Proposed**

Particulars		During the Year (in Lakhs)
Programme	Grant-in-Aid expected	2017-18
RM Workshop	Nil	1,00,000

**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

## 1. Controller of Examinations

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 8<sup>th</sup> 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
<b>Sub Total:</b>		<b>362</b>	<b>172</b>	<b>54</b>	<b>54</b>	<b>642</b>

## 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	151	38.13	347	310	115	37.09	420	386	262	67.87

2	M.E./M.Tech/MBA/MCA/M.A./M.Sc	137	130	83	63.84	138	128	93	72.65	38	36	32	88.88	14	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	35.9	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	40.3	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

Sl.No.	Reg. No.	Name	CGPA	Classification	Total Marks	Rank
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

Sl.No.	Reg. No.	Name	CGPA	Classification	Total Marks	Rank
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	<b>4152</b>	<b>1</b>
2.	0114210002	Amrutha P	9.16	First Class with Distinction	<b>4079</b>	<b>2</b>
3.	0114210013	Sugantha Maruthi Gaikwad	9.10	First Class with Distinction	<b>4053</b>	<b>3</b>

**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	<b>4066</b>	<b>1</b>

**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	<b>4219</b>	<b>1</b>
2.	0114211017	Priyanka K	9.03	First Class with Distinction	<b>3947</b>	<b>2</b>
3.	0114211018	Abdullah M. B	8.89	First Class with Distinction	<b>3883</b>	<b>3</b>

**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	<b>3878</b>	<b>1</b>
2.	0114206059	Princy Jose	8.83	First Class with Distinction	<b>3840</b>	<b>2</b>
3.	0114206078	Monisha Sarathy S	8.29	First Class	<b>3680</b>	<b>3</b>

**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	<b>3619</b>	<b>1</b>
2.	0114218004	Reenu Sara Jacob	8.16	First Class	<b>3427</b>	<b>2</b>

**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	<b>4146</b>	<b>1</b>
2.	0114208042	Fathima Dheena P P	8.94	First Class with Distinction	<b>4095</b>	<b>2</b>
3.	0114208010	Annu George Mavely	8.82	First Class with Distinction	<b>3930</b>	<b>3</b>

**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	<b>5245</b>	<b>1</b>
2.	0114217077	Mariyappan M	8.97	First Class with Distinction	<b>4907</b>	<b>2</b>
3.	0114217033	Arjun Girish	9.13	First Class with Distinction	<b>4798</b>	<b>3</b>
4.	0114217065	Jishnu Girish	8.97	First Class with Distinction	<b>4749</b>	<b>4</b>
5.	0114217139	Vishnu S Pillai	8.76	First Class with Distinction	<b>4685</b>	<b>5</b>
6.	0114217064	Jinu Joseph	8.62	First Class with Distinction	<b>4678</b>	<b>6</b>
7.	0114217080	Mohamedazith J	8.72	First Class with Distinction	<b>4667</b>	<b>7</b>
8.	0114217140	Vivek R	8.44	First Class	<b>4586</b>	<b>8</b>
9.	1115317019	Sony Mon Kuruvilla	8.63	First Class with Distinction	<b>4576</b>	<b>9</b>
10.	0114217099	Nithin Tomy	8.35	First Class	<b>4493</b>	<b>10</b>
11.	0114217002	X Roshan Raj	8.23	First Class	<b>4487</b>	<b>11</b>

**Faculty : Faculty of Mechanical Engineering 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 Mechanical Engineering**  
**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**

**Department : Nanotechnology**

**Degree: M.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.	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**

**Department : Biomedical Instrumentation**

**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>CGPA</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>CGPA</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	First Class	394	1
2.	1117414001	Ajit Kumar Rowniyar	8.00	First Class	391	2
3.	1117414004	Malar S	7.71	First Class	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	<b>8.86</b>	<i>First Class with Distinction</i>	<b>401</b>	<b>1</b>
2.	1117405002	Guru Priya Bernathath M	<b>8.43</b>	<i>First Class</i>	<b>379</b>	<b>2</b>
3.	1117405003	Mary Rasmi K	<b>8.14</b>	<i>First Class</i>	<b>376</b>	<b>3</b>

**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	<b>9.14</b>	<i>First Class with Distinction</i>	<b>417</b>	<b>1</b>
2.	1117412004	Bergin Ginila C	<b>8.71</b>	<i>First Class with Distinction</i>	<b>413</b>	<b>2</b>
3.	1117412011	Suganth R S	<b>8.57</b>	<i>First Class with Distinction</i>	<b>405</b>	<b>3</b>

**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	<b>8.86</b>	First Class with Distinction	420	1
2.	1117421006	Kosalai T	<b>9.00</b>	First Class with Distinction	402	2
3.	1117421005	Indhumathi E	<b>8.57</b>	First Class with Distinction	399	3

**Faculty: Faculty of Science and Humanities**    **Department: Physics**  
**Degree: M. Phil**                      **Branch : Physics**                      **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.	1117420001	Ravikumar R	8.71	First Class with Distinction	396	1
2.	1117420005	Jude Fernandez	8.14	First Class	380	2
3.	1117420003	Tintu Jasmine R. S	8.14	First Class	377	3

**Faculty: Faculty of Technology**                                      **Department: Biotechnology**  
**Degree: M. Phil**                      **Branch : Biotechnology**                      **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.	1117429003	Fathima Mushrif A	9.29	First Class with Distinction	450	1
2.	1117429004	Krishnaveni M V	9.43	First Class with Distinction	444	2
3.	1117429001	Amrutha T M	8.86	First Class with Distinction	420	3

**Faculty: Faculty of Computer Science**                                      **Department: M.Sc. Software**  
**Degree: M.Sc.**                      **Branch: Software Engineering**                      **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.	0113821024	Fathima Nayeema S	9.50	First Class with Distinction	6456	1
2.	0113821009	Edelbert Emmanuel. V	9.22	First Class with Distinction	6309	2
3.	0113821013	Johney Livingston Joe J C	9.12	First Class with Distinction	6190	3

### 7. Schedule of Exams / Results :

<b>Semester</b>	<b>Exams held from ..... to ....</b>	<b>Results Published on</b>
<b>S1</b>	<b>03-01-2018 to 12-01-2018</b>	<b>09-02-2018</b>
<b>S2</b>	<b>30-05-2018 to 07-06-2018</b>	<b>30-07-2018</b>
<b>S3</b>	<b>24-11-2017 to 18-12-2017</b>	<b>09-02-2018</b>
<b>S4</b>	<b>15-05-2018 to 02-06-2018</b>	<b>UG:30-07-2018 PG:03-07-2018</b>
<b>S5</b>	<b>23-11-2017 to 19-12-2017</b>	<b>09-02-2018</b>
<b>S6</b>	<b>14-05-2018 to 01-06-2018</b>	<b>30-07-2018</b>
<b>S7</b>	<b>22-11-2017 to 19-12-2017</b>	<b>09-02-2018</b>
<b>S8</b>	<b>24-04-2018 to 30-04-2018</b>	<b>UG:13-06-2018 PG:30-07-2018</b>
<b>S9</b>	<b>22-11-2017 to 18-12-2017</b>	<b>09-02-2018</b>
<b>S10</b>	<b>15-05-2018 to 02-06-2018</b>	<b>03-07-2018</b>



## 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

## LEARNING RESOURCE CENTRE (LIBRARY)

Name : LRC - LIBRARY  
Librarian's Name : Lawyed Stephen S  
Phone No : 04651251336  
E-mail/ Website : [nicelib@gmail.com](mailto:nicelib@gmail.com)

### 1. Resources Available :

1. Building : 1654.7 Sq.m
2. No. of Volumes : 78230
3. No. of Titles : 46552
4. Reference Books : 1928
5. News Papers : 12
6. Journals : 182
7. Theses : 160
8. Online Journals : 250
9. E Books : 553
10. Back Volumes : 2909
11. CDs/ DVDs : 1700
12. Book Bank : 939
13. (SC/ST)
14. Additions Made during 17-18 : 2910
15. Online Data Bases : Nil

### 2. Staff Details :

1. Assistant Librarians 02
2. Assistants 05
3. Helpers 02

### 3. LRC LIBRARY USAGE DATA

1. No. of Members issued per day : 125
2. Average No. of Visits per day 280
3. Usage of

IEEE	EBBSU	EMERALD	DELNET	INFLIBNET	NDL
1268			197	129	1507

4. Average number of borrowers per day 125

5. Resource sharing with DELNET and other institutions such as NICAS, NIMS

6. Digitization efforts made during 2017-18

Digital library functioning

7. Membership details in National Digital Library (NDL)

S.No		Male	Female	Total
1	No. of Faculty Members	127	218	345
2	No. of Students Members	483	735	1218
3	No. of Administrative/ Technical Staff	13	10	23

**DEPARTMENT OF PHYSICAL EDUCATION  
SPORTS ACHIEVEMENTS 2017-2018, 2018-2019**

**State Level Inter University (SDAT) Weight Lifting Competition for Women held at Noorul Islam Center for Higher Education, Kumaracoil on 11-04-2018, 12-04-2018**

The following students participating **Winners**

1. Anjitha. C.L - II BE- Biomedical : **Category 53 Kg - III Place**
2. Jyotivarma - I - B.Sc - Perfusion Tech.: **Category 69 Kg - III Place**
3. Sivaganga - I - B.sc - Perfusion Tech.: **Category 75 Kg - II Place**
4. Aswathy.S - I - B.sc - Perfusion Tech.: **Category +75 Kg - III Place**

**State Level Inter University (SDAT) Weight Lifting Competition for Men held at Noorul Islam Center for Higher Education, Kumaracoil on 11-04-2018, 12-04-2018**

The following students participating

1. Sanjive. S.G - IV - BE- Marine
2. Rovin Raj. R - II – MBA
3. Ashin Raj. A - IV - BE- Automobile
4. N. Mageshkumar - III - BE - Marine
5. J. Karthikeyan - II – BE- Automobile
6. Subbiah. S - I ME – Cyber Security
7. N. Muthu Kumar - III - BE - Marine
8. A. Arjum - III - BE – Marine

**South Zone Inter University Basket Ball Tournament for Men held at Christ University Bangalore on 2017-2018**

The following students participating

1. Ronnie Robin Garwin - I ME
2. Ajub Alexander - IV BE
3. Vilesielie Usou - I ME
4. Ajay F Bruvin - II MBA
5. Milan C Mathew - III EIE
6. Shajin. G - II MBA
7. Muhammed Ajmal. N - I B.Sc
8. Ameer Sohail. M - II BBA
9. Job Jose Kavanan - II BE
10. Mahaedvan. P - II MBA
11. Sakthi Chockalingam - III EIE
12. Rovin Raj. R - II MBA

**South Zone Inter University Kabaddi Tournament for Men held at SRM University Chennai on 19-12-2018 to 23-12-2018**

The following students participating

1. K. Sundara Moorthy - IV - BE - Marine
2. N. Mageshkumar - IV - BE - Marine
3. N. Muthu Kumar - IV - BE - Marine
4. A. Arjum - IV - BE – Marine

5. G. Weslin - II BBA
6. J. Karthikeyan - III – BE- Automobile
7. R. Kumar - I B.Com
8. Abinesh. S.R - I M.Phil
9. V. Ashanth - I M.A –
10. G. Sam Jenish - I B.Com
11. V. Prasanth - I B.Com
12. S.V. John Christoper - I BBA

**South Zone Inter University Cricket Tournament for Men held at Visvesvaraya Technological University , Belagavi on 15-01-2019 to 30-01-2019**

The following students participating

1. Firoz K Siraj - IV - BE - Mech
2. Firos Khan Latheef - IV - BE - Mech
3. Jayajith - II- ME- Sturctural
4. Ajmal Sherif - II BBA
5. Ashif Latheef - III BBA
6. Viganesh. M - I BE – CSE
7. Nishad. N - III – BE- Automobile
8. Gopakumar. R - III – BE- Automobile
9. Rajalingam. L - III - BE – Marine
10. Jeryn Harold - II - B.Sc
11. Althaf. N - III BBA
12. Sahid. S - I – BE- Civil
13. Ijas Ansar - I – BE- Mech
14. Jesin Mohammed - III – BE – Mech
15. Muhammed Arshad - III – BE – Mech

**South Zone Inter University Kabaddi Tournament for Men held at SATHYABAMA University Chennai on 2017-2018**

The following students participating

1. Sanjive. S.G - IV - BE- Marine
2. Rovin Raj. R - II – MBA
3. Ashin Raj. A - IV - BE- Automobile
4. N. Mageshkumar - III - BE - Marine
5. J. Karthikeyan - II – BE- Automobile
6. Subbiah. S - I ME – Cyber Security
7. N. Muthu Kumar - III - BE - Marine
8. A. Arjum - III - BE – Marine
9. K. Sundara Moorthy - III - BE – Marine
10. Soranash. C.S - IV BE- Marine
11. Arumugam. S - II MBA
12. G. Weslin - I BBA

## **South Zone Inter University Volley Ball Tournament for Men held at SRM University, Chennai on 2018-2019**

The following students participating

1. V. Pandurangan - I ME- ECE
2. A. Shahul Hameed - III – BE- Civil
3. A. Anistoligin - I MCA
4. Jemil. J - I BE- Mech
5. K. Vijay - I BBA
6. R. Karthipan - I BBA
7. M. Maria Jegan - I ME
8. G. Kabil - I MA
9. M. Vinoth Kumar - I MCA
10. Mohammed Kader Navas Khan - I MBA
11. Riju K James - IV BE
12. Tavasi Muthu - I ME

## **State Level Inter University (SDAT) Volley Ball Tournament for Men held at Tamil Nadu Veterinary and Animal Sciences University, Chennai on 2018-2019**

The following students participating

1. V. Pandurangan - I ME- ECE
2. A. Shahul Hameed - III – BE- Civil
3. A. Anistoligin - I MCA
4. Jemil. J - I BE- Mech
5. K. Vijay - I BBA
6. R. Karthipan - I BBA
7. M. Maria Jegan - I ME
8. G. Kabil - I MA
9. M. Vinoth Kumar - I MCA
10. Mohammed Kader Navas Khan - I MBA
11. Riju K James - IV BE
12. Tavasi Muthu - I ME

## **State Level Inter University (SDAT) Basket Ball Tournament for Women held at Noorul Islam Center for Higher Education, Kumaracoil on 2018-2019**

The following students participating

1. Jyoti Varama - II B.Sc - Perfusion Tech.
2. Jose Immancy - II - BE - Civil
3. R. Sri Priyadharshini - III - M.Sc (SE)
4. D. Divya Dharshini - I - B.Tech - Fire & Safety
5. Sharin Maria Thomas - IV - B.Tech. Nanotech.
6. Nithya Mol. J.B - IV- BE- Aeronautical
7. Rachelin. J.K - III - M.Sc (SE)
8. R.A. Emina Powling - IV – BE- Aero
9. Reolin. J.K - IV – M.Sc (SE)
10. Aparna R. Panicker - I B.Sc ( BASLP)
11. Seethasri - I B.E- Biomedical
12. Anjitha. C.L - III BE- Biomedical

## **District Level Inter Collegiate Volley Ball Tournament for Men held at Noorul Islam Centre for Higher Education on 2018-2019**

The following students participating

1. V. Pandurangan - I ME- ECE
2. A. Shahul Hameed - III – BE- Civil
3. A. Anistoligin - I MCA
4. Jemil. J - I BE- Mech
5. K. Vijay - I BBA
6. R. Karthipan - I BBA
7. M. Maria Jegan - I ME
8. G. Kabil - I MA
9. M. Vinoth Kumar - I MCA
10. Mohammed Kader Navas Khan - I MBA
11. Riju K James - IV BE
12. Tavasi Muthu - I ME

**INDUSTRY, INSTITUTE, INTERFACE (III) AND TRAINING  
AND PLACEMENT DIVISION**

Name of the Director	<b>M. Sivathanu Pillai</b>
Name of Placement Officer	<b>Part-time deployment from other departments: Dr.B.Stanley Jones Retnam ( Automobile), Dr. K.Siva Sankar ( Information Technology)</b>
Phone No.	9486856114
Contact Fax number	<b>04651-257266, 250266</b>
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	52 years	9489435702
2	Dr.B.Stanly Jones Retnam	M.E., Ph.D, MBA	Asso.: Prof.	11.5 years	9443791408
3	Dr.K.Sivasankar	M.E., Ph.D, MBA	Asst. Prof.	12 years	9442604040
4	Mr.V.M.Satheesh	B.Sc(CS)	Junior Asst .	14 years	9043360784
5	Smt. N.V.Rajeswari	+1, type writing , short hand, lower and higher	Junior Asst	34 years	9962557742

**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.	“Exploring Experiential Learning”	Learning Style Inventory & Teaching Skills	19.12.2017	Placement Cell	24

**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	Career and Life Skills	Certificate Course	22.7.2017	Placement Cell	114
2	Career and Life Skills	“	29.7.2017	Placement Cell	112
3	Career and Life Skills	“	19.8.2017	Placement	183



				Cell	
4	Career and Life Skills	“	5.8.2017	Placement Cell	112
5	Career and Life Skills	“	26.8.2017	Placement Cell	87
6	Career and Life Skills	C-Programme CODing	22.9.2017	Placement Cell	77
7	Career and Life Skills	Power Point Presentation & Excell	22.9.2017	Placement Cell	69
8	Personality & Development		23.9.2017	Placement Cell	77
9	Pre-Placement Briefing		2.2.2018	Placement Cell	63
10	Aspiring Minds Employability Quantified	Seminar	28.2.2018	Placement Cell	87
11	Employability Skills	Seminar	9.3.2018	Placement Cell	205
12	Knowing Self and others-The Johari Window	workshop	23.3.2018	Placement Cell	24
13.	ACS –International Educational Consultancy	Seminar on study abroad	13.04.2018	Placement Cell	209
14.	Chinmaya Mission, Kovai	Workshop on Transform , India will Transform	12.07.2018	AC auditorium	473. faculty23
15.	Chinmaya Mission, karur	Motivational seminar on Body Complex	20.07.2018	AC auditorium	342 and faculty24
16	Logic School of Management, Bangalore	CMA for MBA	10.08.2018	MBA smart room	45 MBA II students,5 faculty
17	Smart Bridge ,	Seminar on IOT and Artificial Intelligence	13.08.2018	Placement	125 final and pre-final year students in circuit branches

#### 4. Details of the Placement interviews organised

S.No.	Purpose of the Interview	Prospective Employer Name	Dates	Venue	No. of students participated
1.	N/A.	IDBI Federal Life Insurance, Chennai.	15.9.2017	Placement Cell	155
2.		GESCO Healthcare, Chennai	27.9.2017	Placement Cell	78
3.		Pathfront, Chennai	10.10.2017	Placement Cell	17
4.		Myoungshin,	12.10.2017	Placement	43

S.No.	Purpose of the Interview	Prospective Employer Name	Dates	Venue	No. of students participated
		Kancheepuram		Cell	
5.		Veta Industries, Chennai	27.10.2017	Placement Cell	25
6.		Kwang Sung Brake india, Chennai	27.10.2017	Placement Cell	49
7.		MindaSai Limited, Chennai	27.10.2017	Placement Cell	49
8.		India Infoline Finance Ltd.Chennai	3.11.2017	Placement Cell	18
9.		Talent Pro India HR Pvt.Ltd.,Chennai (N.I. Polytechnic & N.I. ITI)	3.11.2017	Placement Cell	71
10.		Sharda Motor industries, Chennai (N.I. Polytechnic & N.I. ITI)	13.11.2017	Placement Cell	54
11.		TI Cysles, Murugappa Group, Chennai (N.I. Polytechnic & N.I. ITI)	13.11.2017	Placement Cell	48
12.		GESCO Health Services, Chennai	13.11.2017	Placement Cell	52
13.		Unitech Plasto Components, Chennai (N.I. Polytechnic & N.I. ITI)	13.11.2017	Placement Cell	30
14.		Veta Industries, Chennai (N.I. Polytechnic & N.I. ITI)	13.11.2017	Placement Cell	54
15.		CKS Solutions (Technopark, Trivandrum)	7.2.2018	Placement Cell	72
16.		TCS , Chennai	7.2.2018	Off Campus	
17.		V-Dart, Trichy	8.2.2018	Placement Cell	89
18.		Ababil Health Care, Chennai.	15.2.2018	Placement Cell	22
19.		Focus Academy (Career Enhancement)	12.3.2018	Placement Cell	28
20.		Nucleus Satelite, Stricity, Tada. (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	107
21.		ReGen Power Tech (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	89
22.		D.S.Connectors & Cables	16.3.2018	Placement Cell	54

S.No.	Purpose of the Interview	Prospective Employer Name	Dates	Venue	No. of students participated
		(N.I. Polytechnic & N.I. ITI)			
23.		Modine Thermal System (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	65
24.		Wipro Infrs. Structure (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	48
25.		Gestamp Automotive (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	35
26.		Samsung (B.S.A) (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	25
27.		Sanmina(N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	19
28.		Jayathri Business Solutions(N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	58
29.		M.M. Forging Ltd. (N.I. Polytechnic & N.I. ITI)	16.3.2018	Placement Cell	77
30.		Indian Institute of Banking(N.I. Arts Group)	21.3.2018	Placement Cell	60
31.		Abi Showatech (India)Ltd,Chennai	24.3.2018	Placement Cell	34

**5. Details of MOUs signed - Nil**

**6. Details of the Finishing School/ Certificate course conducted**

S.No.	Name of the Programme	No. of Students Participated	No. of Students Passed
1.	Certificate Course in Career Skills (CCCS)	36	35

**7. Summary Statistics on placement during 2017-18**

S.No.	Particulars	
1	Placement Interview	
	On Campus - 30	
	Off Campus - 1	
2	No. of companies visited	<b>30</b>

3.	No. of students attended the placement interviews	<b>832</b>
4.	No. of eligible students	<b>292</b>
5.	Job offers received	<b>270</b>
6.	Offer per eligible student	<b>0.924</b>
7.	Salary Range (Rs. In Lakh) per annum	<b>Rs 1.8 -Rs3.36</b>
8.	Average salary offered	<b>Rs 1.92 per annum</b>
9.	Job offers obtained for outside students	<b>450</b>

## 8. 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, **383** of our students undertook internship training in **65** companies and **20** hospitals”
- b. **Job Melas**:In addition to the ongoing students” development and placement programs, the Department organized two major job melas on May, 20 and 22, 2017, 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, 25 companies participated in the two melas and together offered close to 450 jobs.
- c. **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 is 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 are planning a three day review sessions in August, 2018, in Aptitude Skills, Software skills and online email writing skills for the eligible students.

### d. 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 November 13, 2017, for 65 ITI certificate and 125 Polytechnic diploma finalists. Five companies, including Sharada Motors and TI Cycles, Chennai participated in the drive. We also organized on 16<sup>th</sup> March, 2018, a pooled campus for Polytechnics and our ITI , involving 10 companies Please refer section 4 for the number of students participated in the interviews.



NIUSAT LAUNCHED ON  
23<sup>rd</sup> June 2017.



**NIUSAT**