

**DEPARTMENT OF COMPUTER APPLICATIONS**

**YADAVA COLLEGE, MADURAI -14.**

# DEPARTMENT PROFILE

## **DEPARTMENT OF COMPUTER APPLICATIONS**

### **ABOUT THE DEPARTMENT**

- ✓ The Department of Computer Applications was established in the year 2006, as an academic centre for undergraduate studies in science discipline. The department has well-experienced, dedicated faculty members with different specializations.
- ✓ Students are motivated to take part in software development contests, project exhibitions, seminars, technical quiz, paper presentations, programming competitions to get maximum practical exposure and so in co-curricular activities.
- ✓ In our department faculty members has published more than **15** Research papers including conference presented.
- ✓ Our department is a young child of Sixteen years old. In its childhood it has activated many a tremendous activity. We have organized many programs such as **17** programs, computer literacy programs to poor people, parent's computer training etc.

### **VISION**

- ❖ To create a teaching, learning environment that will provide best opportunity for the students to develop as competent professionals, to serve the computing industry and contribute to our nation's socio-economic progress.

### **MISSION**

- To educate students at under graduate level (BCA) in the fundamental and advanced concepts of computing discipline.
- To foster practical skills in our students with an emphasis on ethics, interpersonal development and professional competency.
- To prepare them to pursue exemplary careers in industries, academic and research.
- To impart the ability to use the expertise in computing to meet the ever-growing demands of the society.

### **GOALS**

- The goal of the department is to provide high quality undergraduate education in computer applications by enhancing the effective teaching methodologies and to prepare student with the skills that are necessary for the success in the placement opportunities.

## **OBJECTIVES**

- To prepare students to get job in various Software & other industries.
- To develop Leadership Qualities & individual skills.
- To educate the students to be successful computer application professionals in this global environment.
- To prepare the students to face real world problems and to lead a pleasant life.

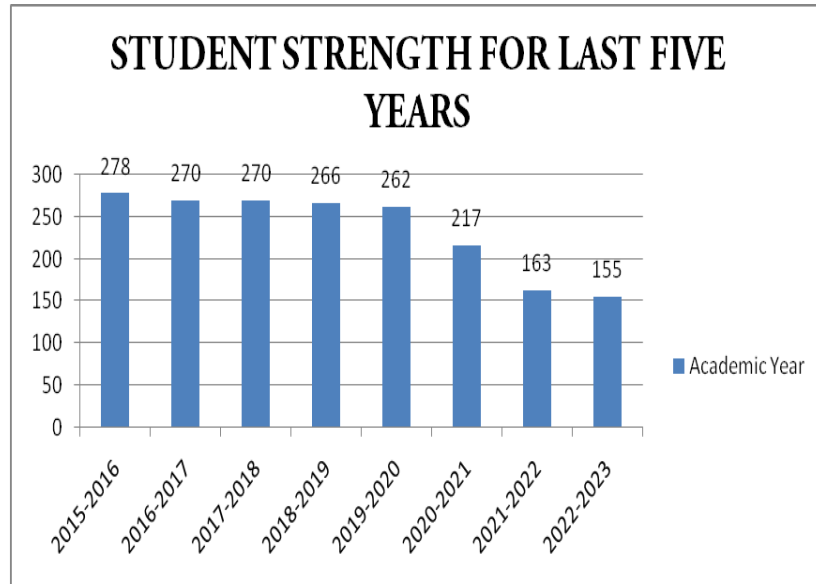
### FACULTY DETAILS

S. No	Name	Qualification	Designation
1.	Dr. S. Nagarajan	M.C.A., M.Phil., Ph.D., M.L.I.Sc.,	Head & Assistant Professor
2.	Mrs. M.P. Rekha	M.Sc., M.Phil.,	Lecturer
3.	Mr. A.G. Gokul Sankar	M.Sc., M.C.A., M.Phil.,	Lecturer
4.	Mr. R. Siddthan	M.C.A., M.Phil.,	Lecturer
5.	Dr. M. Karthigaiveni	M.C.A., M.Phil., Ph.D.	Assistant Professor

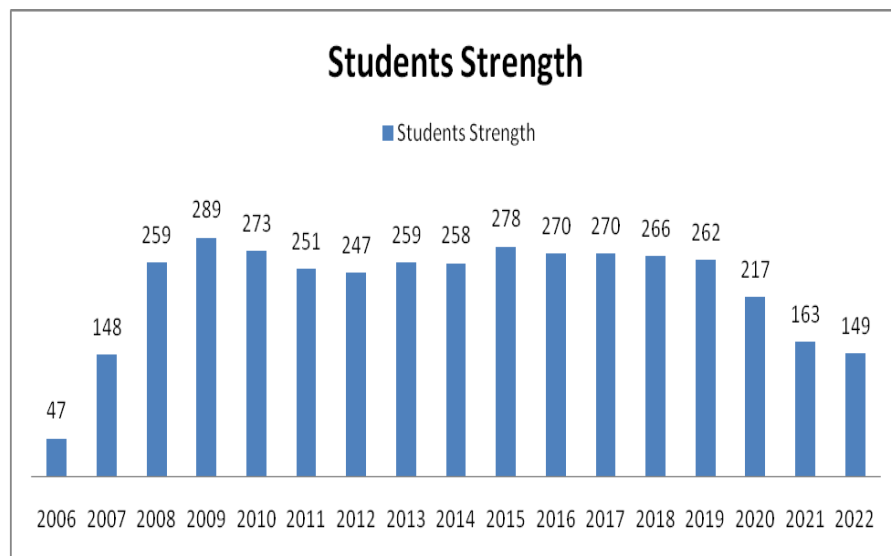
### STUDENT STRENGTH (2022-2023)

	MALE	FEMALE	TOTAL
I YEAR	66	14	80
II YEAR	31	02	33
III YEAR	40	02	42
TOTAL	137	18	155

### STUDENTS STRENGTH FOR LAST FIVE YEARS

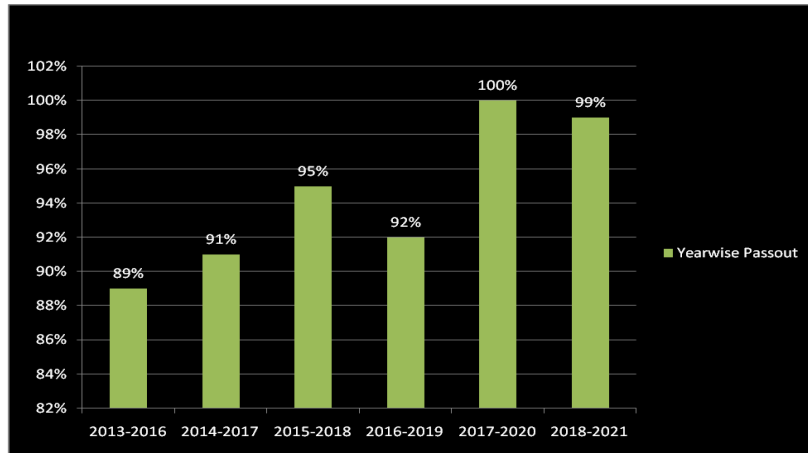


### STUDENTS STRENGTH FROM 2006



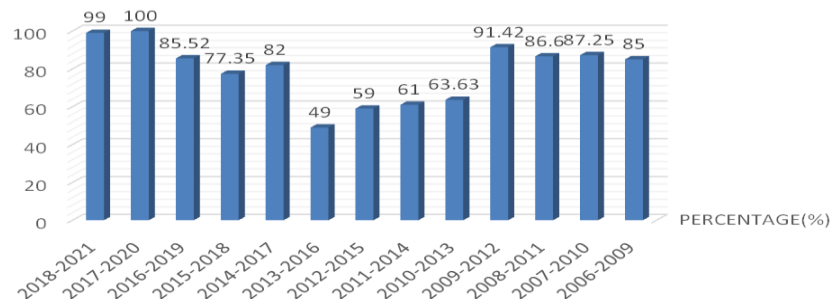
## STUDENT RESULT ANALYSIS

## RESULT ANALYSIS FOR LAST FIVE YEARS



## RESULT ANALYSIS 2006- 2021

PERCENTAGE(%)





## **PROGRAMME OUTCOMES**

- Inculcates the ability to analyze, identify, formulate and develop computer applications using modern computing tools and techniques.
- Prepares to create design innovative methodologies for solving complex-real life problems for betterment of the society.
- To integrate ethics and values to design computer applications.

## **PROGRAMME SPECIFIC OUTCOMES**

- Start from the basics and in every semester learns each and everything about computers.
- Develop programming skills, networking skills; learn applications, packages, programming languages and modern techniques of IT.
- Learn programming language such as C, Java, HTML, SQL, etc...
- Focuses on preparing student for roles pertaining to computer applications and IT industry.
- Gives good knowledge of the topics in software like networking, computer graphics, web development, trouble shooting, and hardware and software skills.
- Information about various computer applications and latest development in IT and communication system is also provided.
- Student will able to know various issues, latest trends in technology development and thereby innovate new ideas and solutions to existing problems.
- Bachelor of Computer Applications (BCA) gives a number of opportunities to individuals to go ahead and shine in their lives.

**BOARD OF STUDIES MEETING CONDUCTED IN  
DEPARTMENT**

<b>S.No</b>	<b>Date</b>	<b>Year</b>	<b>Subject Expert</b>
1	16 <sup>th</sup> July	2008-2009	<b>A.M.Hema</b> Lecturer(SG) Dept. of Computer Science Thiagarajar College, Madurai-9
2	24 <sup>th</sup> February	2009-2010	<b>P.Tamizh chelvi,</b> Head Dept. of Computer Science, ANJAC College, Sivakasi. <b>A.M.Hema</b> Lecturer(SG) Dept. of Computer Science Thiagarajar College, Madurai-9
3	8 <sup>th</sup> January	2010-2011	<b>P.Tamizh chelvi,</b> Head Dept. of Computer Science, ANJAC College, Sivakasi.
4	11 <sup>th</sup> January	2011-2012	<b>C.suresh Kumar</b> Head, Dept. of Computer Science MKU. College, Madurai. <b>M.Ramesh Kumar</b> Asst. Professor, MKU DDE, Madurai
5	28 <sup>th</sup> February	2012-2013	<b>Mr.V.Venkatesh Babu,</b> <b>Mr.S.Selvam</b> <b>Dr.R.Lawrence</b> Head, Dept. of MCA, ANJAC College, Sivakasi. <b>Ms. Sheela Jeyarani</b>

6	6 <sup>th</sup> April	2015-2016	<p><b>M.Ramakrishnan</b> Member syndicate Chair person , School of IT, Madurai Kamaraj university,Madurai.</p> <p><b>S.Vanathi</b> Department of computer science, Governments Arts and science college,Melur, Madurai.</p>
	29 <sup>th</sup> May	2017-2018	<p><b>M.Sumathi</b> Associate Professor , Department of computer science, Sri Meenakshi govt arts science college,Madurai.</p> <p><b>B.Rajasekar,</b> Assistant Professor, Department of computer science,Nss wakf board college, k.k.Nagar, Madurai.</p> <p><b>S.sSelvam,</b> Head and Assistant professor, Department of computer science, NMSSVN College, Nagamalai, Madurai.</p>
	9 <sup>th</sup> April	2018-2019	<p><b>M.Sumathi</b> Associate professor, Department of computer science, Sri Meenakshi Government Arts and sciencecollege, Madurai.</p> <p><b>B.Rajasekar</b> Assistant professor, Department of computer science,NSS wokf Board college, K K Nagar , Madu rai.</p> <p><b>S.Selvam</b> Assistant professor, Head , Department of computer Applications,NMSSVN College, Madurai.</p>

	6 <sup>th</sup> August	2022-2023	<p><b>Dr. V. Theresa Clara</b> Assistant Professor, Department of Computer Science, Madurai Kamaraj University College, Madurai.</p> <p><b>Dr. M. Chidambaram</b> Assistant Professor, PG &amp; Research Department of Computer Science, Rajah Sherfoji Govt. Arts College, Thanjavur.</p> <p><b>Dr. P. Eswaran</b> Assistant Professor, Department of Computer Applications, Alagappa University, Karaikudi.</p>
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## **ORGANIZED PROGRAMS**

### SEMINAR PROGRAMMES

S.No	Programs	Guest Name	Date
1.	Prize Distribution – BCA Sports Club	<b>Mr. G. Ajmal Khan</b> Cricket Coacher, Madurai.	17.5.2022
2.	Awareness Programme on Natural Healing	<b>Dr. R.K. AKSHAYAN,</b> Father of paadha Guasa, Director, AIG & Swasi Naturo Cure Hospital, Madurai.	16.05.2022
3.	Opportunities in Indian Government Services	<b>Dr. S. IBRAHIM SHERIFF,</b> Managing Director	16.05.2022
4.	Career guidance on data mining and predictive analytics	<b>Dr. K.PERUMAL,</b> Professor, Department of Computer Applications, Madurai Kamaraj University	05.03.2020
5.	Career guidance on Graphics and animations	<b>Mr. S. BOOBALAN</b> Manager, Career Guidance, Dream Zone School of Creative Studies, Chennai	13.02.2019
6.	Recent trends in software Engineering	<b>Mr.P.Senthil kumar MCA.,</b> Integration Architect, HCL, Chennai.	23.02.2017
7.	Career guidance in java	<b>Mrs. R.SANKARI RAMESHBABU,</b> Developer –TATA consultancy Services, Bangalore.	12.02.2013
8.	Cloud computing	<b>Mr. S.Abdul Samad M.Sc (IT).,</b> Program developer, Zeal soft Technologies, Madurai.	15.02.2012
9.	Enhance the technical skills through .net	<b>Prof. A. Kumara Vadivelan MCA.,</b> NPR Arts & science college, Natham, Dindugul.	11.01.2012 & 12.01.2012
10	Recent trends in mobile computing with security	<b>Prof. O.K.Hariharan, MCA., MPhil.,</b> Sourashtra College, Madurai.	18.03.2011
11	Animation creation	<b>Mr.Govindharajan,</b> Star Multimedia, Madurai.	09.09.2010
12	Upgrading a pc	<b>Prof. J.Frank Ruban M.Sc., PGDCA,</b> MCA, M.Phil., American College, Madurai.	09.08.2010
13	Health and body care	<b>R.Kavitha DCE, Dip.BTHD,</b> Sheneka Herbal Beauty Clinic & Training Institute, Madurai.	24.03.2010

14	Training on computer Basics and internet Usage	<b>S.karthika</b> <b>III BCA( Student )</b> Panchayat Union Middle School, Kannandhal, Madurai – 14	23.12.2009
15	Trends of multimedia and job opportunities in animation field	Orange computer Education, Madurai.	28.01.2009

### EXTENSION ACTIVITY PROGRAMMES

S.No	Activity	Institution	Date
1.	Computer Training For Village School Students	Madurai West Panchayat Union Primary School, Veerapandi, Madurai.	10.05.2022
2.	Awareness on Mobile & Internet.	Panchayat Union Primary School, Thiruppalai, Madurai West, Madurai.	10.03.2020
3.	Awareness on Online Education	Panchayat Union Middle School, Aladhur, Madurai.	15.02.2019
4.	Computer training programme for village girls students	Sriram Nallamani Yadava girls higher secondary school, Thiruppalai, Madurai.	16.03.2016
5.	Training on Computer Basics & Internet Usage.	Panchayat Union School, Kannanenthal, Madurai.	13.08.2010
6.	Computer Training for School Students.	E.M.G.High School, Sirudhoor, Madurai.	09.03.2010
7.	Training on the Basics of Computers.	E.M.G.High School, Sirudhoor, Madurai.	10.03.2010

## STATE LEVEL INTER COLLEGIATE CULTURAL & TECHNICAL MEET PROGRAMMES

S.No	Name Of The Program	Date	Name Of Chief Guest
1.	Glitz'09 State Level Inter Collegiate Meet	05.03.2009	<p>Inaugural Guest :</p> <p><b>1. Dr.S.David Amirtharajan</b> Dean, College Development Council, Madurai Kamaraj University, Madurai</p> <p><b>2. Prof.P.Shankara Ramalingam</b> Principal, Pandiyan Saraswathi Yadav Engineering College, Sivagangai.</p> <p>Valediction Guest:</p> <p><b>3. Dr. G.Gnanasambandhan</b> Thiagarajar College, Madurai.</p>
2.	Glitz'10 State Level Inter Collegiate Meet	11.02.2010	<p>Inaugural Guest: Mr.S.Sugumaran RDO, Revenue Division Office, Madurai.</p> <p>Valediction Guest:</p> <p><b>Mr. Bharathiraja</b> <b>Film Director.</b></p>



## **ACHIEVEMENTS OF FACULTY**

### RESEARCH AWARDED

S. No.	Faculty Name	Awarded Year	University
1.	Dr. M. Karthigaiveni	2021	Madurai Kamaraj University
2.	Dr. S. Nagarajan	2020	Madurai Kamaraj University

## FACULTY RESEARCH PUBLICATIONS

Name Of The Faculty	Topic	Details Of Organization	Year
S.Nagarajan	Relationship Entity Attributes Extraction using a Fuzzy Logic Based Intelligent Agent published in International Journal of Innovations & Advancement in Computer Science (IJIACS) ISSN 2347 – 8616 Volume 4, Issue 7 July 2015, Page 118 – 122.	International Journal of Innovation Advancement in Computer Science (IJIACS)	2016
S.Nagarajan	A Supervised Learning Method for Avoiding the Ambiguity Problem in User Profile Extraction in web pages” published in International Journal of Computer Science Trends and Technology (IJCT) Volume 4 Issue 6, Nov - Dec 2016, ISSN: 2347-8578 , Page 150 – 156.	International Journal of Innovation Advancement in Computer Science (IJIACS)	2016
S.Nagarajan	A Hybrid Neural Network Model for Unstructured Information Extraction using Page Rank” Proc: International Conference ICAIECES & ICPCIT held at Madanapalle Institute of Technology and Science, Madanapalle , Andhra Pradesh on 27th – 29th April 2017, Page 85 (Paper Presented) and Published in International Journal of Applied Engineering Research (IJAER) ISSN: 0973-4562; Volume 12, Number 1, Special Issue 2017, Page 40 - 46.	International Journal of Applied Engineering Research (IJAER)	2017
S.Nagarajan	A Deep Neural Network for Information Extraction from Web Pages” presented and published in the IEEE International conference on Power, Control, Signals and Instrumentation Engineering(ICPCSI-2017) held on 21-22 September 2017 in Savitha Engineering College, Chennai,	International conference on Power, Control, Signals and Instrumentation Engineering(ICPCSI-2017)	2017

	Tamilnadu ISBN CFP17M84-PRT 978-1-5386-0813-5. Issue: IV, Page 79 – 83 and Published in the journal of IEEE digital explore 21st June 2018. Publisher: IEEE INSPEC Accession Number: 17861073. DOI: 10.1109/ICPCSI.2017.8391845		
S.Nagarajan	Structured and Unstructured Information Extraction Using Text Mining and Natural Language Processing Techniques” published in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 5 Issue: 11   November 2017, Page 32 – 43.	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC )	2017
S.Nagarajan	Extracting the Attributes of Entities from Semi Structured Information using X search” published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 5 Issue XII December 2017, Page 1967 - 1972.	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017
S.Nagarajan	Information Extraction from Semi Structured Information Based on CPNN Model.”presented and published in the Third International Conference on Computational Intelligence, ICCI-18, Page 30, held on 5- 6th April 2018 Organized by Departments of Information Technology, Sethu Institute of Technology Kariapatti Virudhunagar, Tamil Nadu.	International Conference on Computational Intelligence, ICCI-18	2018
M.P.Rekha	Mining Sequence data and time series data, International Journal of Computer Science, Vol.II, Issue I no 4, 2014 ISSN No.23486600 p.260-264	International Journal of Computer Science (IJCS)	2014
M.P. Rekha	Reducing Dimensionality in Time Series Data using Neural Auto Encoder Technique.	International Journal	2021

M.P. Rekha	Reducing Dimensions in Time Series Data using Remora Optimization Algorithm.	International Journal (Scopus Indexed)	2022
R.Siddhan	An Analysis of Road Accidental Data Using Clustering and Item set Mining Algorithms, 2278 -2419 Vol. Page No.130-138: 07,	International Journal	2018
R.Siddhan	A Novel Security Analysis for Virtualized Infrastructure using Fuzzy Classification Approach in Cloud Computing, 2319-8613 Vol 10 No 4	International Journal	2018
M.Karthigaiveni	A Flexible And Efficient Algorithm For Generating Prime Number Using Bio-Metric Identity B.PNGA 2212-7542.155(14) pp,16-23	International Journal	2016
M.Karthigaiveni	An Efficient Algorithm for Key Generation in Advanced Encryption Standard using Sudoku Solving Method 978-1-5090-4715-4 pp,1-8.	International Journal	2017
M.Karthigaiveni	An Efficient Two Factor Authentication Scheme With Key Agreement For IOT Based E-Healthcare Applications Using Smart Card, 2214-7935. Springer Id: AIHC-D18.0044	International Journal Springer	2019
M.Karthigaiveni	Provably secure two factor authentication scheme for E-Health using Smart card, 512-17 eprint., 512	International Journal	2017
M.Karthigaiveni	Security and Privacy with inside the Internet of Things: Current Standing and Open Problems.	International E-Conference	2022
V.Banupriya	Page Ranking Algorithm for Ranking web Pages. 1502-1505 Journal paper vol.6., Issue .7, pp.	International Journal	2017
B.Srimathi	Implementation of 3 layer image captcha to avoid detect tremendous attacks	International journal of Current research	2011

## FACULTY PAPER PRESENTED IN CONFERENCES

Name Of The Faculty	Title Of The Paper	National/ International	Organized By	Year
S.Nagarajan	Steganography	International	Yadava College, Madurai	2010
S.Nagarajan	A hybrid Neural Network model of unstructured information extraction using page rank	International	Madanapalle Institute of Technology & Science, Andhra Pradesh	2017
M.Karthigaiveni	An Efficient Algorithm for Key Generation in Advanced Encryption Standard using Sudoku Solving Method	International	JCT College of Engineering And Technology, Coimbatore.	2017
V.Banupriya	Biometrics and Human Computer Interaction	National	Alagappa University	2018
V.Banupriya	Growth and development of Page Ranking in Web Mining	National	Alagappa University	2018

## FACULTY PARTICIPATED CONFERENCES

Conference	Name	Date	Conference	Organization in which attended
Third International Conference on computational Intelligence	S.Nagarajan	5 <sup>th</sup> & 6 <sup>th</sup> April 2018	International Conference	Sethu Institute of Technology, Madurai
A hybrid Neural Network model of unstructured information extraction using page rank	S.Nagarajan	27 <sup>th</sup> & 29 <sup>th</sup> April 2017	International Conference	Madanapalle Institute of Technology & Science
Quality Enhancement Strategy-Towards Excellence	S.Nagarajan	31.8.2009 to 02.9.2009	National Conference	Yadava college, Madurai
An Analysis of Road Accidental Data using clustering and item set mining Algorithms	R.Siddhan	21 <sup>st</sup> & 22 <sup>nd</sup> March 2018	International Conference	Alagappa University, Karaikudi
Innovative Technologies and Advanced computing	S.Nagarajan	11 <sup>th</sup> September 2015	National Conference	Fatima College, Madurai.

Innovative Technologies and Advanced computing	M.P.Rekha	11 <sup>th</sup> September 2015	National Conference	Fatima College, Madurai.
An Analysis of Road Accidental Data using clustering and item set mining Algorithms	R.Siddthan	19 <sup>th</sup> & 20 <sup>th</sup> March 2018	National conference	Alagappa University, Karaikudi
Cyber Security (NCCS) biometric and human computer infraction	V. Banupriya	25 <sup>th</sup> January 2018	National Conference	Alagappa University, Karaikudi
Recent Trends in informatics (NCRTI) Growth and development of page ranking in web mining	V. Banupriya	19 <sup>th</sup> & 20 <sup>th</sup> March 2018	National Conference	Alagappa University, Karaikudi
Quality Enhancement Strategy-Towards Excellence	R.Bhuvaneshvari	31.8.2009 to 02.9.2009	National Conference	Yadava college, Madurai
Quality Enhancement Strategy-Towards Excellence	A.Anu	31.8.2009 to 02.9.2009	National Conference	Yadava college, Madurai
Quality Enhancement Strategy-Towards Excellence	M.P.Rekha	31.8.2009 to 02.9.2009	National Conference	Yadava college, Madurai
Quality Enhancement Strategy-Towards Excellence	K.Uma	31.8.2009 to 02.9.2009	National Conference	Yadava college, Madurai
Quality Enhancement Strategy-Towards Excellence	S.Sripathi	31.8.2009 to 02.9.2009	National Conference	Yadava college, Madurai
Web technology	S.Nagarajan	08.09.2010	National Conference	Sourashtra College, Madurai.
Web Engineering	S.Nagarajan	10.3.2010	National Conference	Sri Meenakshi Govt. College For Women Madurai.
Web Engineering	K.P.Maheswari	10.3.2010	National Conference	Sri Meenakshi Govt. College For Women Madurai.

## FACULTY ATTENDED WORKSHOP

Workshop	Name	Date	Organization in which attended
Quality Education And Human Touch in the UGC Autonomy grant	S.Nagarajan	08 <sup>th</sup> October 2014	Yadava college, Madurai
Quality Education and Human Touch	M.P.Rekha	08 <sup>th</sup> October 2014	Yadava college, Madurai
Quality Education & Human touch	A.G.Gokulsankar	08 <sup>th</sup> October 2014	Yadava College, Madurai.
Research Methodology	A.G.Gokulsankar	16 <sup>th</sup> Decemb 2016	Madurai Kamaraj University, Madurai
Exhibit show	R.Siddthan	12.10.17 to 14.10.17	Alagappa University, Karaikudi
Hand on Training in Computer And R Programming	R.Siddthan	31.01.18 to 1.02.18	Alagappa University, Karaikudi
Computational Science Techniques for understanding and solving complex realword problems	V. Banupriya	4.01.2018 to 5.01.2018	Alagappa University, Karaikudi
Overview of Networking towards industrial perspective	S.Nagarajan	06.01.2010	E.M.G Yadava Women College, Madurai – 14
Retraining of teachers on English language skills & personality Development	K.P.Maheswari	15.2.2010 & 16.2.2010	Yadava college, Madurai.
Certificate in .net Programming	S.Sripathi	19.2.2011 to 26.2.2011	ICT Academy of Tamilnadu.
Certificate in .net Programming	B.Gayathri	19.2.2011 to 26.2.2011	ICT Academy of Tamilnadu.
Computer Training for school Students	Students of BCA	13.08.2010	Yadava college, Madurai.
Computer Training for Parents	M.P.Rekha	23.12.2009	Yadava college, Madurai.
Awareness about scheduled Tribes	S.Sripathi	30.12.2009	Yadava college, Madurai.



### FACULTY PARTICIPATED SEMINAR

<b>Seminar</b>	<b>Name</b>	<b>Date</b>	<b>Seminar</b>	<b>Organization in which attended</b>
Management in 21st Century	S.Nagarajan	12 <sup>th</sup> October 2012	National Seminar	ST. Michael college, Sivaganagai
Innovative Digital Image Processing and Iconic Open source Technology	S.Nagarajan	27 <sup>th</sup> August 2015	National Seminar	EMG Yadava college, Madurai
Quality Enhancement Strategy-Towards Excellence	M.P.Rekha	31 <sup>st</sup> August 2000	National Seminar	Yadava college, Madurai.
Innovative Digital Image Processing and Iconic Open source Technology	M.P.Rekha	27 <sup>th</sup> August 2015	National Seminar	EMG Yadava college, Madurai.
Career Opportunities in SMAC and IOT	A.G.Gokulsankar	31.05.2015	National Seminar	Alagappa university, Karaikudi
Deep Learning for Computer vision Applications	M.Karthigaiveni	04.03.17 to 05.03.17	National Seminar	KLN College, Madurai.
Cyber Crimes and Security Issue in Digital World	M.Karthigaiveni	5.10.2018	National Seminar	Madurai Kamaraj University, Madurai
Deep Learning for Computer vision Applications	M.Karthigaiveni	04.03.17 to 05.03.17	National Seminar	KLN College, Madurai.

### FACULTY ATTENDED WEBINARS

Webinar	Name	Date	Organized Institution Name
Online Faculty Development Programme On Play With ICT In Education	S.Nagarajan	17.05.2020	Arulmigu Palaniandavar Arts College For Women
HR for HR	S.Nagarajan	22.05.2020	GTN Arts College
Online Course on PYTHON Programming	S.Nagarajan	01.06.2020 03.06.2020	Arulmigu Palaniandavar Arts College For Women
Survival Strategies of Mankind	S.Nagarajan	03.06.2020	Sourashtra college
International webinar on block chain network in IOT Applications	S.Nagarajan	04.06.2020	ANJAC College
Elephant Catchers	S.Nagarajan	03.06.2020	GTN College
The Big3 applications & Research Perspective	S.Nagarajan	03.06.2020	GTN College
Introduction to Data Sciences	S.Nagarajan	11.06.2020	Mannar Thirumalai Naicker College
Revised Accreditation Framework of NAAC Quality Enhancement practices in Higher Education	S.Nagarajan	21.10.2020	S.S,Jain Subodh P.G. College
NAAC Re Accreditation Process During Post Covid Scenario	S.Nagarajan	10.11.2020	Yadava College, Madurai
Happy Living	M.P.Rekha	27.5.2020	GTN Arts College, Dindigul
Introduction To IoT – A Research Perspective	M.P.Rekha	28.5.2020	GTN Arts College, Dindigul
The Future Of Computing –Cloud And Fog Computing	M.P.Rekha	29.5.2020	Noorul Islam Centre For Higher Education, Kanyakumari

The Big 3 Applications And Research Perspective	M.P.Rekha	3.6.2020	GTN Arts College, Dindigul
Introduction To Data Science Using Python	M.P.Rekha	10.6.2020	Angappa College of Arts and Science
5g Technology	M.P.Rekha	21.10.2020	Senthamarai Arts And Science College, Madurai
Naac Re Accreditation Process During Post Covid Scenario	M.P.Rekha	10.11.2020	Yadava College, Madurai
Naac Re Accreditation Process During Post Covid Scenario	A.G.Gokulsankar	10.11.2020	Yadava College, Madurai
Naac Re Accreditation Process During Post Covid Scenario	M.Karthigaiveni	10.11.2020	Yadava College, Madurai
Virtual teaching-Learning MOODLE the efficient way	V. Banupriya	2020	Dr.M.G.R. Educational and Research Institute
Distance Learning Strategies with GSuite for Education & Chromebooks by Alieen Apollo-De Jesus,Google for Education-Asia Pacific	V. Banupriya	2020	Philippine eLearning Society
Personal Effectiveness-Need of Hour	V. Banupriya	2020	SIIMS Standalone Business School
Artificial Intelligence and its applications	V. Banupriya	2020	Shri Krishnaswamy College for women
Data science- Research Opportunities	V. Banupriya	2020	Sri Ramakrishna college of arts & science
Ransomware: Evolution and Prevention	V. Banupriya	2020	G.T.N Arts and College
Assessment and Evaluation in Outcome Based Education	V. Banupriya	2020	G.T.N Arts and College
Ransomware: Evolution and Prevention	V. Banupriya	2020	G.T.N Arts and College

**FACULTY AS RESOURCE PERSON/ ACADEMIC POSITION/BOARD OF STUDIES  
MEETING**

**RESOURCE PERSON:**

S.No	Name	Topic	Date	Institution
1.	S.Nagarajan	Web Mining	10.08.2017	NMSS.Vellaisamy Nadar College, Madurai.
2.	S.Nagarajan	Web Outlining Utilizing Graphical Tools	17.03.2017	NMSS.Vellaisamy Nadar College, Madurai.
3.	S.Nagarajan	Software Development & Testing	20.01.2010	Mangayarkarasi College of Arts and science College, Madurai.

**ACADEMIC POSITION:**

S.No	Name	Position Held	Year	Institution
1.	S.Nagarajan	M.Phil Research Evaluation	2013 - 2017, 2019 - 2020	Bharathiar University, Coimbatore

**BOARD OF STUDIES MEETING:**

S.No	Name	Position	Date	Institution
1.	S. Nagarajan	Subject Expert	14.07.2022	Department of Computer Science & IT, (S/F) Madurai Institute of Social Science College, Madurai
1.	S.Nagarajan	Subject Expert	22.03.2012	Sourashtra College, Madurai
2.	S.Nagarajan	Subject Expert	08.03.2013	Sourashtra College, Madurai
3.	S.Nagarajan	Subject Expert	08.01.2016	Sourashtra College, Madurai
4.	S.Nagarajan	Subject Expert	15.03.2017	Sourashtra College, Madurai
5.	S.Nagarajan	Subject Expert	26.06.2019	Madurai Institute of Social Studies College, Madurai
6.	S.Nagarajan	Subject Expert	18.03.2020	The Madura College, Madurai.

## **STUDENTS ACHIVEMENTS**

### **Extra-Curricular Activities**

<b>S. No</b>	<b>Name</b>	<b>Event</b>	<b>Organization</b>	<b>Position</b>	<b>Year</b>
1.	R. Vignesh	Silabam- Group Event	Thenamutha Tamil Makkal Nala Arakkatalai.	JETLEE World Record	2022
2.	R. Vignesh	Silabam- Super Senior	Suruli Andavar Martial Arts Association.	First	2022
3.	R. Vignesh	Silabam- Group Event	Suruli Andavar Martial Arts Association.	Second	2022
4.	A. Ananth	Mini-Marathon	Traffic Awareness, Madurai.	10.7 Kms.	2022
5.	M.Muthu Sakthi	National Level Coding	Apps & programming Club	Participated	2022
6.	R. Vignesh	Folk-Dance	Thenamutha Tamil Makkal Nala Arakkatalai.	Orange World Record	2021

### **STUDENTS ACHIVEMENTS OVERALL CHAMPIONS SHIP – WINNER**

<b>S.No</b>	<b>Place</b>	<b>Date</b>	<b>Status</b>
1	Parvathi Arts & Science college, Dindugul	27-02-2012	<b>OVER ALL</b> Champions Ship Winner
2	NPR Arts & Science College, Natham	06-01-2012	<b>OVER ALL</b> Champions Ship Winner
3	Sourashtra College, Madurai	05-03-2012	<b>OVER ALL</b> Champions Ship Winner

## SPORTS ACHIVEMENTS

### **ACADEMIC YEAR 2019 – 2020**

S.No	Name	Event	Class	Level
1	Steephanraj.S	Football	II BCA A	MKU 'A' ZONE
2	Mohamed Siraj.N	Basketball	II BCA B	MKU 'A' ZONE
3	Steephanraj.S	Hockey	II BCA A	MKU 'A' ZONE
4	Jasper Rethinaraj.L	Hockey	I BCA A	MKU 'A' ZONE

### **ACADEMIC YEAR 2018 – 2019**

S.No	Name	Event	Class	Level
1	Thivakar.S	Volleyball	I BCA B	MKU 'A' ZONE
2	Ajaykumar.V	Volleyball	III BCA A	MKU 'A' ZONE
3	Mohamed Siraj.N	Basketball	I BCA B	MKU 'A' ZONE
4	Steephanraj.S	Football	I BCA A	MKU 'A' ZONE
5	Naresh Bahadur Bohara.J	Cricket	III BCA B	MKU 'A' ZONE
6	Jeyabalamurugan.V	Cricket	III BCA A	MKU 'A' ZONE
7	Dinesh Kumar.S	Cricket	II BCA B	MKU 'A' ZONE
8	Gokulakannan.M	Hockey	III BCA A	MKU 'A' ZONE
9	Harikaran.R	Hockey	III BCA A	MKU 'A' ZONE
10	Ranjith Priyan.T	Hockey	III BCA A	MKU 'A' ZONE
11	Sabitha Sri.M	Basketball(Women)	I BCA A	MKU 'A' ZONE
12	Kohila.J	Basketball(Women)	I BCA B	MKU 'A' ZONE

### **ACADEMIC YEAR 2017 – 2018**

S.No	Name	Event	Class	Level
1	Saravanan.J.	Football	II BCA A	MKU 'A' ZONE
2	Thivakar.S	Football	I BCA B	MKU 'A' ZONE
3	Nagapradeesh.T	BasketBall	III BCA B	MKU 'A' ZONE
4	Dhanabalan V.P	BasketBall	I BCA A	MKU 'A' ZONE
5	Naresh Bahadur Bohara.J	Cricket	II BCA B	MKU 'A' ZONE
6	Gokulakannan.M	Hockey	II BCA A	MKU 'A' ZONE
7	Harikaran.R	Hockey	II BCA A	MKU 'A' ZONE

**ACADEMIC YEAR 2016 – 2017**

S.No	Name	Event	Class	Level
1	Shanmuga Pandiyan .R	Football	II BCA B	MKU 'A' ZONE
2	Nagapradeesh.T	BasketBall	II BCA B	MKU 'A' ZONE

**ACADEMIC YEAR 2015 – 2016**

S.No	Name	Event	Class	Level
1	Madhanraj .G	Football	II BCA A	MKU 'A' ZONE
2	Shanmuga Pandiyan .R	Football	I BCA B	MKU 'A' ZONE
3	Kannapiran. M	VollyBall	II BCA B	MKU 'A' ZONE
4	Nagapradeesh.T	BasketBall	I BCA B	MKU 'A' ZONE

**ACADEMIC YEAR 2006 – 2014**

S.No	Name	Event	Class	Status	Place
1.	J.Jerald	BasketBall	II BCA A	A-Zone (Winner)	MKU
2.	J.Jerald	BasketBall	II BCA A	Winner	MKU
3.	J.Jerald	BasketBall	II BCA A	Winner	Thiyagarajar College
4.	J.Jerald	HandBall	II BCA A	A-Zone (Winner)	MKU
5.	J.Jerald	HandBall	II BCA A	Third place	MKU
6.	M.Vinod	VolleyBall	III BCA B	A-Zone (Winner)	MKU
7.	M.Vinod	VolleyBall	III BCA A	Represented	MKU
8.	M.Vinod	VolleyBall	III BCA A	Winner	MKU
9.	M.Vinod	VolleyBall	III BCA A	Winner	SSM Tournament
10.	M.Santhana Lakshmanan	Kho-Kho	III BCA B	A –Zone Runner	MKU
11.	N.Dinesh	Kho-Kho	III BCA B	Runner	MKU



12.	N.Dinesh	Disk through	III BCA B	Third Place	Yadava college
13.	N.Dinesh	Long-Jump	III BCA A	Second Place	Yadava college
<b>S.No</b>	<b>Name</b>	<b>Event</b>	<b>Class</b>	<b>Status</b>	<b>Place</b>
1.	J.Jerald	BasketBall	I BCA A	Individual winner	MKU
2.	J.Jerald	HandBall	I BCA A	IIIrd	MKU
3.	J.Jerald	BasketBall	I BCA A	Individual Winner	Thiyagaraja College (Kalai Thanthai Trophy)
4.	J.Jerald	BasketBall	I BCA A	Runner	State Level
5.	J.Jerald	BasketBall	I BCA A	Runner	National Level
6.	J.Jerald	BasketBall	I BCA A	Runner	Loyola College
7.	M.Vinoth	VollyBall	II BCA B	Runner	MKU
8.	M.Vinoth	VollyBall	II BCA B	Winner	Inter College Level
9.	M.Vinoth	VollyBall	II BCA B	Championship Winner	College Level
10.	E.Praveen	Kho-Kho	III BCA B	Runner	MKU
11.	E.Praveen	Cricket	III BCA B	Runner	MKU
12.	E.Praveen	100 mts Relay	III BCA B	Ist	MKU

## CULTURAL ACHIVEMENTS

### **ACADEMIC YEAR 2019 – 2020**

S.No	Student Name	College	Event	Prize
1	S.Ajithkhan	Fatima College, Madurai.	Web Designing	1 <sup>st</sup> place
2	V.Dhineshkumar	Fatima College, Madurai.	Quiz	3 <sup>rd</sup> place
3	S.Shrivishnuram	American College, Madurai	Quiz	3 <sup>rd</sup> place
4	J.Jagaranjani	Fatima College, Madurai.	Web Designing	1 <sup>st</sup> place

### **ACADEMIC YEAR 2018– 2019**

S.No	Student Name	College	Event	Prize
1	T.Manojkumar R.Raja	Sethu Institute Of Technology, Virudhunagar.	Paper Presentation	2 <sup>nd</sup> place
2	M.Vikasshankar	Sethu Institute Of Technology, Virudhunagar.	Ethical Hacking	1 <sup>st</sup> place
3	N.Gopalakrishnan	Fatima College, Madurai.	Debugging	3 <sup>rd</sup> place
4	S.Perumal	Fatima College, Madurai.	Web Designing	2 <sup>nd</sup> place
5	V.Mugunthan M.Jegatheeshwaran S.Ragupathy G.Suriyamoorthy V.Vignesh	Jamal Mohamed College, Tiruchirappalli.	As U Like It	2 <sup>nd</sup> place

### **ACADEMIC YEAR 2017 – 2018**

S.No	Student Name	College	Event	Prize
1	S.Ravikumar	Saiva Bhanu College	Paper Presentation	2 <sup>nd</sup> place
2	S.Ravikumar	Khadir Mohideen College	Quizzier Papyron	1 <sup>st</sup> place
3	S.Surya	V.V.Vanniaperumal, College	Selfie	1 <sup>st</sup> place
4	S.Ravikumar	Thiagrajar College, Madurai.	Best Manager	1 <sup>st</sup> place

**ACADEMIC YEAR 2016 – 2017**

S.No	Student Name	College	Event	Prize
1	M.Priyadharshini A.Subbulakshmi	Fatima College, Madurai.	Paper Presentation	2 <sup>nd</sup> place
2	M.Priyadharshini	Fatima College, Madurai.	Quiz	2 <sup>nd</sup> place
3	G.Madhanraj	Subbalakshmi Lakshmipathy College Of Science, Madurai.	Web Designing	2 <sup>nd</sup> place
4	V.Karthikeyan	Subbalakshmi Lakshmipathy College Of Science, Madurai.	Debugging	1 <sup>st</sup> place
5	S.Sudalaimani K.Rajkumar G.Sarankumar N.Vinothkumar A.Ajmalkhan	The Madura College, Madurai	As U Like It	2 <sup>nd</sup> place
6	T.Sathishkumar	The Madura College, Madurai	Program Development	2 <sup>nd</sup> place

**ACADEMIC YEAR 2015 – 2016**

S.No	Student Name	College	Event	Prize
1	S.Arjun R.Nanthakumar	K.L.N. College Of Engineering, Sivagangai.	Short Flim	2 <sup>nd</sup> place
2	V.Manisankar S.Sathishkumar	K.L.N. College Of Engineering, Sivagangai.	Quiz	1 <sup>st</sup> place
3	E.Kirubakaran	K.L.N. College Of Engineering, Sivagangai.	As U Like It	1 <sup>st</sup> place

**ACADEMIC YEAR 2006 – 2014**

S.No	Student Name	College	Event	Prize
1	G.Naresh N.Karthick	Lady Dock College	Paper Presentation	3 <sup>rd</sup> place
2	G.Mahalingam	Devanga College	Dhum-charade	3 <sup>rd</sup> place
3	R.Jegan R.Dinesh Kumar	Devanga College	Software Marketing	1 <sup>st</sup> place
4	G.Naresh N.Presanthan	Devanga College	Paper Presentation	3 <sup>rd</sup> place
5	N.Vivekanadan N.Karthik	RL Institute	Cracking Hacking	1 <sup>st</sup> place
6	V.Sathishkarthick A.Raagavendran	Parvathy's College	Paper Presentation	2 <sup>nd</sup> place
7	P.Prasanth V.sathishKarthick	Parvathy's College	Display Event	2 <sup>nd</sup> place
8	G.Mahalingam P.Satish G.GowthamKannan R.DineshKumar D.DineshMurugan	Parvathy's College	Software Marketing	2 <sup>nd</sup> place
9	P.Prasanth	Thiyagaraja College	Short Film	2 <sup>nd</sup> place

S.No	Student Name	College	Event	Prize
1.	S.Saravana Kumar	Parvathy's Arts and Science College	Debugging	1 <sup>st</sup> place
2.	S.Ram Kumar M.Eswaran	Parvathy's Arts and Science College	Quiz	1 <sup>st</sup> place
3.	N.Mansoor A.AjmeerKhaj aS.Vignesh S.Prasath G.Siva Kumar	Parvathy's Arts and Science College	Software Marketing	1 <sup>st</sup> place
4.	J.C.Shankar Balajee S.Ram Kumar	N.P.R Arts and Science College	Animation	1 <sup>st</sup> place
5.	S.Saravana Kumar	N.P.R Arts and Science College	Debugging	2 <sup>nd</sup> place
6.	S.Saravana Kumar G.Prasanna Kumar	N.P.R Arts and Science College	Programming Development	3 <sup>rd</sup> place

S.No	Student Name	College	Event	Prize
1.	S.Surendiran M.Muthu Raj	Nadar Saraswathi College Of Arts And Science, Madurai.	Graphical Capitulate	2 <sup>nd</sup> place
2.	R.Siva Kumar S.Senthil Kumar Bharathi	Nadar Saraswathi College Of Arts And Science, Madurai.	GRILL	2 <sup>nd</sup> place
3.	M.Muthu Raj	Nadar Saraswathi College Of Arts And Science, Madurai.	Dynamic Slicing	2 <sup>nd</sup> place
4.	J.Deepan Chakkaravarthy	Nadar Saraswathi College Of Arts And Science, Madurai.	Software Gala	1 <sup>st</sup> place
5.	P.Sunder Pandi J.Deepan Chakkaravarthy	Nadar Saraswathi College Of Arts And Science, Madurai.	Thesis Staging	3 <sup>rd</sup> place
6.	M.Muthu Raj S.Venkadesh	Nadar Saraswathi College Of Arts And Science, Madurai.	Brain Teaser	2 <sup>nd</sup> place
7.	G.Siva Kumar	Christhuraj Institute of Computer Application.Thiruchirapalli.	Lingustic Play	2 <sup>nd</sup> place

S.No	Student Name	College	Event	Prize
1.	A.Shankar Ram V.Karthick K.Prakash	Pandian Saraswathi Yadava Engineering College, Sivagangai.	DUM C	2 <sup>nd</sup> place
2.	R.K.Vinoth Kumar N.Chandru Parthiban R.K.Vinoth Kumar M.Anbu Kumar	Pandian Saraswathi Yadava Engineering College, Sivagangai.	DUB-A-CLIP	2 <sup>nd</sup> place
3.	S.Nantha Kumar N.Chandru Parthiban M.Anbu Kumar A.Shankar Ram	Pandian Saraswathi Yadava Engineering College, Sivagangai.	Make Us Laugh	1 <sup>st</sup> place
4.	R.K.Vinoth Kumar	Pandian Saraswathi Yadava Engineering College, Sivagangai.	Fashion Parade	1 <sup>st</sup> place
5.	A.Vidhyasagar S.Hariharan	Velammal College of Engineering, Madurai.	Paper Presentation	3 <sup>rd</sup> place
6.	N.Joel	Palaniappa Career Centre.	Mental Ability Test	81%
7.	K.Rama Moorthy	Palaniappa Career Centre.	Mental Ability Test	82%
8.	G.Subhasini	Subbalakshmi Lakshmipathy College of Science, Madurai.	Paper Presentation	2 <sup>nd</sup> place
9.	S.Sundar Pandi S.Venkadesh	Nadar Saraswathi College Of Arts And Science, Madurai.	DUM –C	1 <sup>st</sup> place
10.	G.Siva Kumar	Christhuraj Institute of Computer Application. Thiruchirapalli.	Variety Event	2 <sup>nd</sup> place
11.	G.Saravana Pandiyan	Jeyaraj Chelladurai College, Periyakulam.	College Galatta	1 <sup>st</sup> place
12.	S.Sundarlingam	Jeyaraj Chelladurai College, Periyakulam.	Art VISTA	1 <sup>st</sup> place
13.	V.Ram Kumar	Sri Vidya College of Engineering & Technology.	Web Designing	2 <sup>nd</sup> place
14.	M.Eswaran	Fatima College	Tamil Education	1 <sup>st</sup> place

## **SWOC ANALYSIS AFTER ACCREDITATION**

### **STRENGTH:**

1. Our Department maintains and update our college website.
2. We have updated our syllabus related to software Industries.
3. Publish research paper (UGC referred journals).
4. Many of our staff completes their Research degree after joining in our department.
5. Implement E-Learning and E-teaching methods to handle classes and give assignment to our students.
6. Conduct remedial classes and support to pass the students those who have arrear in Semester Exam.
7. 50% of our passed students placed in reputed companies
8. Periodically we conduct technical seminars.
9. Focus on web designing paper to develop web developer.
10. Our department teaching is two way communication that is have an interaction with students and staff

### **WEAKNESS:**

1. Insufficient books for reference in our department library.

### **OPPORTUNITIES:**

1. Our students placed as a web developer in software industries in that manner we focus web designing as a certificate course.
2. Provide self study papers to improve the capacity of self learning of the students.
3. Provide non major elective papers which students gain knowledge from other department subjects.
4. Students earn while learn in their final year.
5. Our syllabus improve students technical knowledge.

### **CHALLENGES:**

1. Need more coaching to mold the first generation learners.

2. Difficult to communicate with English because of more number of rural students.

**Future Plans**

- To be organize a national level workshop on Mobile Computing and App Development
- To be organize a International level Conference on Recent trends in Software Technologies
- To plan to design a upcoming syllabus based on OBE