



**NANDHA**  
Engineering College  
(Autonomous)  
Erode-52.

# Techiez'17 Newsletter



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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*Dean & HOD*

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## **VISION**

To achieve  
excellence in Computer  
Science and Engineering  
education to meet the ever  
growing needs of  
the society

## **MISSION**

Computer Science &  
Engineering Department  
is committed

- To ensure quality in major areas of computer science & engineering keeping pace with the latest developments.
- To create the ability in the students to design, develop and test world class software systems.
- To promote life-long learning in core and emerging areas.
- To include strong ethical values and leadership abilities in the minds of students so as to work towards the advancement of the society.



## MESSAGE

### PRINCIPAL



*It is a great pleasure to observe the expressions of students who had contributed to various events . Nandha engineering college, Computer science and engineering department has grown abundantly in the recent past. It continues to sustain its growth. People reading this newsletter will realize the tremendous changes that are happening in the CSE department. The newsletter is presenting a glimpse of the multidimensional growth of the department. The department has been actively involving in various activities that have been brought to unveil the hidden talents of the Students and staff. The highly qualified and dedicated staff members have always stood with the department and have carried out their duties with a great level of commitment.*

### CEO

*It is always a pleasure to be a part of a team which strives to bring out the talents of students and staff. Computer science and engineering department has always been striving to keep itself ahead of the competition and the results are now for everyone to witness the growth of the department. The purpose of the department newsletter is to inspire and motivate students, staff and other friends in the college. This newsletter has made an earnest attempt in this direction and brought out certain aspects of the college through CSE department to the eyes of the public so that they may understand and know the department even better. I am sure the CSE department will scale even greater heights in the years to come and serve many.*



### DEAN



*I am happy to see the amount of enthusiasm of eminent members of the CSE department to contribute to the newsletter. Not to be outdone, our students have devoted time in participation and also have won lot of prizes in national and international level events. I stand awed by the sheer number of achievements that have come pouring in for the newsletter. This shows the enthusiasm and energy level of faculty members and students present in the CSE department.*

### HOD

*It is my pleasure to congratulate the team that has taken the initiative for producing this newsletter of Computer science and engineering department. It is great to find a considerable number of achievements, awards and events that certainly prove that our staff and students are skilled enough to express their talent. Reading this newsletter would definitely be an inspiration and motivation for all students and staff to contribute even more to the forthcoming events.*



## ASSOCIATION INAUGURATION

The Inauguration function of Computer Science and Engineering Department Association, Nandha Engineering College was held on 24.06.2016. The Chief Guest of this function was Dr.V.Rhymend Uthariaraj, Professor & Director, Ramaniyan Computing Centre, Anna university, Chennai.

The Chief Guest Delivered about various Job opportunities in Network field. He explained about the new technologies and their importance in the IT field and he spoke about Leadership quality, scientific knowledge to solve real world problems, the importance of network management.

He highlighted following characteristics as the secrets of Success

- ✓ Problem solving
- ✓ Communication
- ✓ Planning and Organization
- ✓ Motivation and Commitment

Finally, the students thanked the guest for sharing his valuable time





## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

*in association with*

**DST-SERB**

*organized*

### **A TWO DAYS SEMINAR ON GLOBAL PERSPECTIVE OF DATA SCIENCE WITH OPEN SOURCE SOFTWARE TOOLS: R AND PYTHON**

Nandha Engineering College, Erode Department of Computer Science and Engineering in association with DST-SERB organized Two Days Seminar on “Global Perspective Of Data Science With Open Source Software Tools: R And Python”. The chief guest Thiru. S. Mahesh Anand, Chief Consultant, Scientific Computing Solutions, Chennai gave special address about the importance of R and Python in the field of data science. At present, Data science is used in most of the social website. The chief guest mentioned that data scientist is going to be the most preferable job and it will give more job opportunities in the future. The demand for data scientist is increasing so rapidly. He also informed that even the politicians used data analytics for predicting the election result in the recent election held in Tamilnadu. He suggested that data analytics could be used by top management for taking strategic decisions. He took practical session for the two days and trained more than 100 teaching staff and students.



*Dr.S.Arumugam, CEO, Nandha Educational Institutions presenting a book to the chief guest Dr.S.Mahesh Anand as a token of remembrance*



*Dr.S.Mahesh Anand addressing the participants*

## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

*In association with*

**National Human Rights Commission (NHRC)**

**Training Programme on  
Human Rights for Students**

Computer Science & Engineering department of Nandha Engineering College organized Training programme on Human Rights for Students sponsored by National Human Rights Commission (NHRC) on 18<sup>th</sup> March, 2017. Dr. R. Sivakumar IPS, Superintendent of Police, Erode, Thiru T. Stalin Gunasekaran, President, Makkal Sinthanai Peravai was the chief guest of this function. Dr. R. Sivakumar IPS, advised the students not to get frustrated if their rights are ignored rather be patient and wise to achieve their rights. We need to give space for others rights to get obtain our rights. He also insisted on women's rights. He said any treasure may be stolen yet the knowledge that you gain will never be lost.

Thiru T. Stalin Gunasekaran, shared his own experiences and spoke about human rights that can be demanded at any situation. Students were advised to handle issues regarding human rights wisely. Our special speaker, Dr.R.Kumudha, Assistant Professor, Government Law College, highlighted the Acts to Protection of Human Rights. She also spoke about Composition and Functioning of NHRC'S/SHRC'S and Other National/ State Commissions. Our resource person, Tmt. N. Gomathi B.A.,B.L., Advocate, Notary Public & Commissioner of Oaths, Erode insisted on Rights of Women and Children. She also gave a brief talk UN Convention on the elimination of all forms of Discrimination against Women and on the rights of the child.

Our next chief speaker, Thiru R.Balasubramanian, District Secretary, Consumer Protection Center, Erode, gave a glimpse of Rights of vulnerable groups, bonded Labour Issues (Abolition) Act, Child Labour Issues (Prohibition & Regulation) Act and spoke of The Forest Rights Acts.



*Chief Guest Dr. R. Sivakumar IPS,  
Thiru T. Stalin Gunasekaran lightening  
the Kuthuvizhaku*

*Chief Guest Introduction in Human Rights  
for Students programme*



## **INTRODUCTION TO ENTREPRENEURSHIP DEVELOPMENT**

*An Orientation program about the topic Entrepreneurship was conducted on 20.9.16. Mr.Duraivel gopal , Senior Vice president & global Delivering head was the resource person of this function. He discussed about who is an entrepreneur, Characteristics, interpersonal skills.*





## SYMPOSIUM

The 15<sup>th</sup> National level technical Symposium was held on 24 March 2017. Prof Dr.N.Shanthi Dean/CSE Welcomed the gathering Thiru Vadivel Thangamuthu, Technology Evangelist, 945 Signals, Erode was the Chief guest of the function. He discussed about Recent trends in IT field and difficulties in becoming an entrepreneur .He also narrated about facing work environment with the merits and demerits of IT field. The CEO Mr Arumugam felicitated the gathering. The Souvenir was released by chief guest.Prof.K.Gunasekar delivered the vote of thanks.

### Various events were conducted

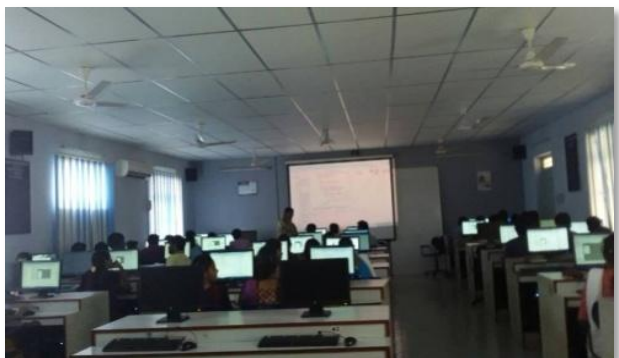
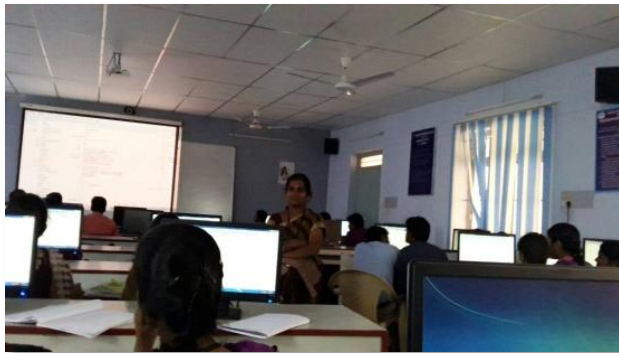
- ✓ Paper Presentation
- ✓ Q-Fiesta
- ✓ Multimedia Presentation
- ✓ Peripheral Design
- ✓ Idea Exposure
- ✓ Code Debugging





## CVAC

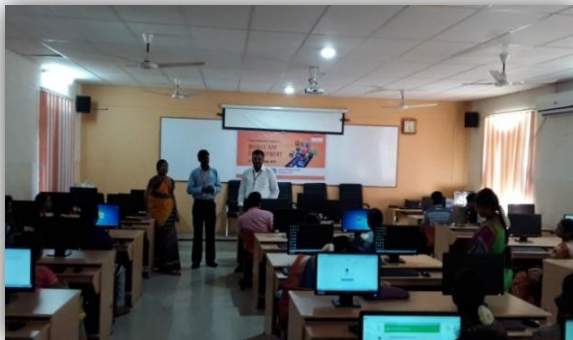
*CVAC on Mobile Application Development and Multimedia was to be conducted for third year and Second year students. Third Years , External Person Mr.Sarath of Final year student was the resource person of this programme. Second year Multimedia class was taken by S.Maheshwari,P.Vanitha,S.Kavitha,B.Deepa.*





## **INTRODUCTION TO MOBILE APPLICATION DEVELOPMENT**

*Department of Computer Science and Engineering with ICT Academy jointly organized Two days Workshop on Introduction to Mobile Application Development on 23rd and 24th September 2016. Mr. Benhar Charles V, Deputy Manager in Training and Development, Department of the Organization, ICT Academy was the resource person. He spoke about the importance of mobile application. He handled practical session for application development, also he discussed about features, characteristics, realtime applications, lifecycle methods of Android application components, basics of event handling in Android, basics of graphics and multimedia support in Android.*



***DEPARTMENT ONAM CELEBRATION ON 13.09.2016***



***DEPARTMENT POOJA DAY CELEBRATION ON 7.10.2016***



***INDUSTRIAL VISIT TO COCHIN-CHIPS SOFT SOLUTIONS***







### ***FIRST YEAR INAUGURATION***





## ***ALUMNI INTERACTION***





## REPUBLIC DAY PAPER CLIPPINGS



## HOD WEEKLY PRESENTATION



## ALUMNI INTERACTION

*Alumina interaction by SanthoshKumar, Kavin (2012 batch) Infosys, Sridhar Infosys strives to achieve the best fit between individual aspirations and organizational requirements.*

***The students are expected to posses the skill sets for the following domains***

1. Project Management
2. Customer Interface
3. Technical
4. Programme Management
5. Consulting -- Enterprise Solutions
6. Consulting -- Domain Competency







*Placement Tips given By Mr.C.Naveen Kumar From Thiagaraja College Of Engineering on 03.02.2016.*

### ***Women's Day Celebration by 8<sup>th</sup> March 2016***



## CULTURAL ACTIVITIES





## PLACEMENT

Placement Willingness: 72 Students

Placed : 60 Students (67 Offers)

### Placed Companies:

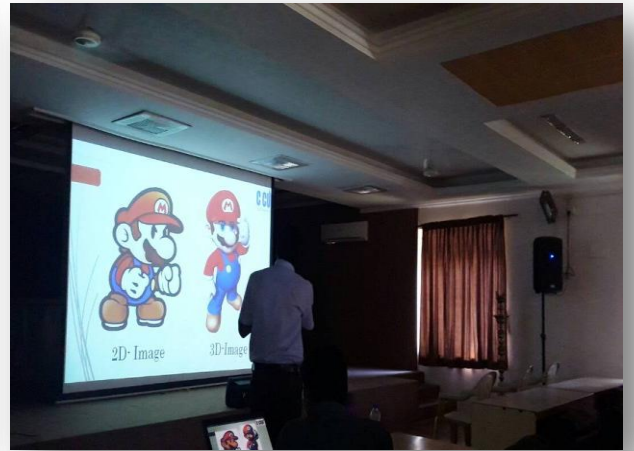
S.No.	NAME OF THE COMPANY	NO.OF STUDENTS PLACED
1	Tech Mahindra, Chennai	22
2	Ionixx	1
3	Financial Software Service	2
4	Capgemini	6
5	Compassites Software Solutions	2
6	KGiSL	1
7	Alpha Training Academy	4
8	ILM, Bangalore	3
9	Tech Mahindra BSG	14
10	Bright Star Academy	6
11	OM Innovation Call Services, Chennai	5
12	JustDial	1

## MOU

MOU Signed with CCube Solutions on 1.2.2017



## SEMINAR ON MAYA BY CCUBE SOLUTIONS



## CONSULTANCY

*Around 30 batches are doing consultancy projects.*

### **PROJECT TO PRODUCT**

- 1. Website designed for Ohm Sakthi Driving School by R.Y.Vimal(III CSE) & S.Prabhu(AP/CSE)*
- 2. Website Designed for Kanakadhara Financiers, Erode by MANikandan(III CSE) & S.Prabhu(AP/CSE)*



# AWARD

*Prof. Dr.S.Arumugam,CEO*

*IETE Erode Center,*

***Received his Achievement Award for the development of Technical Education***



## EVENT

***1. RESEARCH INTERNSHIP –PETRONAS University, Malaysia.- Student Exchange Programme***



*S.Sarath and T.D.Giri Anandhan*

***2. 8 students from CSE went to internship program to San Tech Solution , N dot Technologies, Coimbatore, Ionixx,Chennai , Optech Software India Pvt Ltd,Coimbatore.***

# STUDENTS ACHIVEMENTS

*More than 30 Colleges, 250 students, 70 and above prizes.*



❖ *Our CSE students got Overall achiever award in symposium at M.Kumarasamy College Of Engineering.*

❖ *Students won third prize with cash prize Rs.5000 for the event of Sanrachana (working Model creation) at NIT ,Trichy.*



❖ *Our CSE students got Prizes in all the events at Sasurie College of Engineering.*

## **Consumer awareness Program**

❖ *Abirami.R of Final CSE participated Quiz Event and Got Second Prize.*





# STUDENTS ACHIVEMENTS

Date	Name of the students	Title	Institute	Achievements
11 & 12.8.16	Gokulakanan .R	Event- Surprise Event	SNS College of Engineering	First Prize
11 & 12.8.16	Jayasuriya.B	Event- Surprise Event	SNS College of Engineering	First Prize
11 & 12.8.16	Kaviya.R	Event- Code Blooded	SNS College of Engineering	Second Prize
27.8.16	Sujila.S	Event-Code debugging	Angel College of Engineering and Technology	First Prize
29 & 30.8.16	Lingeshwaran.M	Event- Think Out of Box	Adhiyamaan College of Engineering	First Prize
16.9.16	Gokulakanan .R	Event- Code Strike	Kongu Engineering College	First Prize
16.9.16	Praveen kumar.A	Event- Code Strike	Kongu Engineering College	First Prize
17.9.16	Ranjith .S	Event- Hack and Crack	Nandha College of Technology	First Prize
17.9.16	Parthiban.B	PPT-Event- Hybrid Portfolio	Nandha College of Technology	First Prize
17.9.16	Ranjith .S	PPT-Event- Hybrid Portfolio	Nandha College of Technology	First Prize
17.9.16	Parthiban.B	Event- Hack and Crack	Nandha College of Technology	First Prize
17.9.16	Ajith.S	Event- Treasure Hunt	Dr.N.G.P.Institute of Technology	First Prize
17.9.16	Lingeshwaran.M	Event- Treasure Hunt	Dr.N.G.P.Institute of Technology	First Prize
17.9.16	Ajith.S	Event- Logo Quiz	Dr.N.G.P.Institute of Technology	Second Prize

17.9.16	Lingeshwaran.M	Event- Logo Quiz	Dr.N.G.P.Institute of Technology	Second Prize
17.9.16	Ajith.S	Paper Presentation- Cloud computing	Dr.N.G.P.Institute of Technology	Third Prize
17.9.16	Lingeshwaran.M	Paper Presentation- Cloud computing	Dr.N.G.P.Institute of Technology	Third Prize
17.9.16	Ranjith .K.V	Event- Non-Technical	Velalar College of Engineering and Technology	Second Prize
17.9.16	Mynthan kumar.K	Event- Non-Technical	Velalar College of Engineering and Technology	Second Prize
23 & 24.9.16	Srivatsan. K	Event- C ZAR OF C	Sengunthar College of Engineering	Second Prize
23 & 24.9.16	Praveen kumar. A	Event- Fix IT	Sengunthar College of Engineering	Second Prize
23 & 24.9.16	Naveen kumar.G	Event- Searcher Zone	Sengunthar College of Engineering	First Prize
23 & 24.9.16	Karthikeyan. S.A	Paper presentation	Sengunthar College of Engineering	Second Prize
23 & 24.9.16	Anbarasu. N	Paper presentation	Sengunthar College of Engineering	Second Prize
24.9.16	Shiddharth.C	Group Dance	Kaveri Engineering College	First Prize
28.9.16	Vimal.R.Y	Paper presentation- LIFI	Maharaja Engineering College	Second Prize
28.9.16	Venkatan.S	Paper presentation- LIFI	Maharaja Engineering College	Second Prize



28.9.16	Vimal.R.Y	Li-Fi	Maharaja Engineering College	Second Prize
28.9.16	Venkatesan. S	Li-Fi	Maharaja Engineering College	Second Prize
29 & 30.9.16	Karthikeyan. S.A	Event- Web designing	Paavai Engineering College	Second Prize
29 & 30.9.16	Ajith.S	Event- Google Doodle	Paavai Engineering College	First Prize
29 & 30.9.16	Praveen kumar.A	Event- Marathon	Paavai Engineering College	Second Prize
29 & 30.9.16	Praveen kumar.A	Event- Code Hunt	Paavai Engineering College	Second Prize
1.10.16	Lingeshwaran.M	Event- T-20	Coimbatore Institute of Technology	Third Prize
1.10.16	Vijhay raj.M	Event- T-20	Coimbatore Institute of Technology	Third Prize
3.12.16	Tharani.R	Football	Adhiyamaan College of Engineering	Runner
3.12.16	Tharani.R	Football	Adhiyamaan College of Engineering	Runner
4.12.16	Tharani.R	Football	Adhiyamaan College of Engineering	Runner
4.12.16	Sruthisuthakar	Volley ball	Nandha Engineering College	Winner
4.12.16	Tharani.R	Football	Adhiyamaan College of Engineering	Runner
4.12.16	Sruthisuthakar	Volley ball	Nandha Engineering	Winner

			College	
3.2.17	Arjunan .K	WebSparky	Sasurie Institutuion	Second Prize
3.2.17	Parthiban.B	WebSparky	Sasurie Institutuion	First Prize
3.2.17	Parthiban.B	Win Expert	Sasurie Institutuion	Third Prize
3.2.17	Lingeshwaran.M	Win Expert	Sasurie Institutuion	Third Prize
3.2.17	Parthiban.B	Win of Mind	Sasurie Institutuion	Second Prize
3.2.17	Lingeshwaran.M	Win of Mind	Sasurie Institutuion	Second Prize
3.2.17	Manikandan	Project	Sasurie Institutuion	Second Prize
3.2.17	Nethaji	Project	Sasurie Institutuion	Second Prize
3.2.17	Manikandan	Connexion	Sasurie Institutuion	Second Prize
3 & 4.2.17	Lakshmi priya. K	JUGAAD	Karpagam College of Engineering	First Prize
3 & 4.2.17	Mounika.S	JUGAAD	Karpagam College of Engineering	First Prize
4.2.17	Dinesh kumar.K	Quiz	Shree Venkateshwara Hi-Twch Engg College	Second Prize
4.2.17	Lingeshwaran.M	Quiz	Shree Venkateshwara Hi-Twch Engg College	Second Prize
17.2.17	V.Yogesh	Miscellaneous Monster	KSR Institute For Engineering and Technology	First Prize
17.2.17	Kavin kanna. T	Treasure Hunt	Nandha College of Technology	First Prize
22.2.17	Y.Dhushara	Googler	Tamilnadu College of Engineering	Second Prize



22.2.17	Dhushara.Y	Googler	Tamilnadu College of Engineering	Second Prize
28.2.17	Lingeswaran.M	Short Film	RVS Technical Campus	First Prize
28.2.17	Lingeswaran.M	Fun Events	RVS Technical Campus	Third Prize
28.2.17	Lingeswaran.M	Dubsmash	RVS Technical Campus	Third Prize
2.3.17	Abishek.M	Gaming	Sona College Of Technology	First Prize
2.3.17	Abishek.M	Grey matter	Sona College Of Technology	First Prize
3.3.17	Ajay kumar .A.S	PPT	M.Kumarasamy College of Engineering	Second Prize
3.3.17	Ajay kumar .A.S	Adcraze	M.Kumarasamy College of Engineering	Second Prize
3.3.17	Shiddharth.C	Talentia	M.Kumarasamy College of Engineering	First Prize
3.3.17	Harish Kumar.P	Adcraze	M.Kumarasamy College of Engineering	First Prize
3.3.17	Deepan.R	Adcraze	M.Kumarasamy College of Engineering	Second Prize
3.3.17	Esakkiyappan.P	Adcraze	M.Kumarasamy College of Engineering	First Prize
3.3.17	Harish Kumar.P	Adcraze	M.Kumarasamy College of Engineering	First Prize
3.3.17	Sakthivel. K	Fun Events overall winner	M.Kumarasamy College of Engineering	First Prize
3.3.17	Krishnaa.S	Treasure Hunt	Nandha College of Technology	First Prize
3.3.17	Karthikeyan.E.S	Treasure Hunt	Nandha College of Technology	First Prize

6.3.17	Vimal.	Kabbadi	Nandha Engineering College	Runner
6.3.17	Vishnu	Kabbadi	Nandha Engineering College	Runner
6.3.17	Gowtham kumar.R	200m Running	Nandha Engineering College	First Prize
6.3.17	Gowtham kumar.R	4*100 relay	Nandha Engineering College	First Prize
6.3.17	Murugananth.J	Kabbadi	Nandha Engineering College	Runner
6.3.17	Vimal.	Kabbadi	Nandha Engineering College	Runner
14.3.17	Reshma.S	Paper Presentation	Vivekanandha College of Technology For Women	Third Prize
14.3.17	Ajith.S	Paper Presentation	Vivekanandha College of Technology For Women	Third Prize
17.3.17	Nithish.P	Fun Crackers	Nandha College of Engineering	First Prize
17.3.17	Nithish.P	TechnoRiders	Nandha College of Engineering	Second Prize
17.3.17	Manjuladevi.M	Movie making	Muthayammal engineering college	First Prize
20.3.17	Mythili.C	Quiz	Kongu Engineering College	First Prize
20.3.17	Mouleeswaran.V.A	Quiz	Kongu Engineering College	First Prize
20.3.17	Santhosh.S	Team Zapper	Kongu Engineering College	First Prize



20.3.17	Santhosh.S	quiz	Kongu Engineering College	Second Prize
20.3.17	Naveen Kumar.G	Team Zapper	Kongu Engineering College	First Prize
20.3.17	Naveen Kumar.G	quiz	Kongu Engineering College	Second Prize
20.3.17	Vigneshwaran.M	Team Zapper	Kongu Engineering College	First Prize
20.3.17	Yogesh.V	Team Zapper	Kongu Engineering College	First Prize
20.3.17	Yogesh.V	quiz	Kongu Engineering College	Second Prize
22.3.17	Parthiban.B	Sharp senz	Kongu Engineering College	Third Prize
22.3.17	Karthikeyan.S.A	Project Presentation	Kongu Engineering College	Second Prize

# EXTRACURRICULAR ACTIVITIES



➤ Our Final CSE students Participated in Inter Zonal meet for Foot Ball at Adhiyamaan College of Engineering and got Silver Medal.

➤ Nandha Engineering College Sports Day: Girls Championship (Winner)



Nandha Engineering College Sports Day :Boys Championship (Runner)

1. 100m : Gowtham Kumar
2. Relay : 8\*100 – Second Place
3. Jothisudha : Individual Champion ship
4. Faculty won –Throw ball, shuttle, carom, cricket, Shot-put
5. Tharani and team got Winner in –Football match 20<sup>th</sup> Dec 2016





## SIRUTHULI CLUB



# SEMINAR PROPOSAL SUBMITTED

S.N o.	Date	Dept/No	Funding Agency	Title of the proposal	Name of the principal /Project investigator	Budget (Rupees)	Sanctioned date & file No.	Sanctioned Amount
1	12/08/2016	CSE/01/03	DST-SERB	EMERGING TRENDS IN INTERNET OF THINGS AND FOG COMPUTING	Dr.N.Shanthi Mr.S.Prabhu	Rs.2,05,000		
2	21/12/2016	CSE/02/27	NHRC	TRAINING PROGRAMME ON RIGHTS OF WOMEN	Dr.N.Shanthi	Rs.50,000		
3	09/01/2017	CSE/03/61	AICTE	FDP ON DEEP LEARNING AND ITS APPLICATIONS IN MACHINE VISION AND ROBOTICS	Dr.N.Shanthi E.Padma S.Kavitha	Rs.6,20,000	Sanctioned	Rs.6,20,000
4	03/02/2017	CSE/04/62	TNSCST	BENEFITS OF NATURAL FERTILIZER IN AGRICULTURE	Dr.M.CHANDRA SEKHARAN P.KAVITHA	Rs.50,000		
5	11/02/2017	CSE/05/67	ICMR	"Big Data Analytics in Life Science and Health Care: Tools and Techniques"	Dr.N.Shanthi K.S.Sathya	Rs.90,000		
6	30/05/2017	CSE/06/90	CSIR	BIG DATA ANALYTICS AND CLOUD COMPUTING	Dr.N.Shanthi P.Vanitha B.Deepa	Rs.44,500		
7	30/05/2017	CSE/07/91	DRDO	BIG DATA ANALYTICS FOR SECURITY INTELLIGENCE	Dr.N.Shanthi P.Vanitha B.Deepa	Rs.52,500		
8	30/05/2017	CSE/08/92	CSIR	APPLICATIONS OF ARTIFICIAL INTELLIGENCE FOR COMBATING CYBER CRIMES	Dr.N.Shanthi S.Maheswari	Rs.60,000	Sanctioned	30000
9	30/05/2017	CSE/09/93	CSIR	Secure android coding and testing	Dr.N.Shanthi K.Kavitha	Rs.59,400		



## PROJECT PROPOSAL SUBMITTED

S.No.	Date	Funding Agency	Title of the proposal	Name of the principal /Project investigator	Budget (Rupees)
1	11/01/2017	AICTE	RPS ON "IDENTIFICATION OF NEWBORNS AND CHILDREN USING BIOMETRIC TECHNIQUES	Dr.S.Arumugam	Rs.28,00,000
2	31/03/2017	DST-ICPS	A Novel Electronic Health Record Monitoring and Management Using IoT and Machine Translation	Dr.N.Shanthi	Rs.28,70,000

