

# Newsletter

## *Editorial Board*

Chief Editor Dr.V.L.Pavani, HoD/MCA

Faculty Editor Dr.A.Manimaran, Asst. Professor/MCA

Student Editor Mr.S.Irfan Khan III-MCA

Volume 6

Issue 1

July – September 2018

Department of  
Computer Applications



Madanapalle Institute of  
Technology and Science

### VISION OF THE DEPARTMENT

“To be the source of producing computer application professionals in academic and research activities and develop competent software professionals to serve industry and society”

### MISSION OF THE DEPARTMENT

M1	To empower students with knowledge of computer applications through state-of-art infrastructure and curriculum
M2	To groom the students to become competent professionals in emerging technologies with industry specific programs
M3	To inculcate ethical values, leadership and managerial skills among the students.

### PROGRAMME EDUCATIONAL OBJECTIVES

PEO1	Excel in the software industry with the application of comprehensive knowledge and skills.
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PEO3	Achieve successful career by exhibiting social responsibility leading to lifelong learning.

### PROGRAM OUTCOMES

PO1	<b>Computational Knowledge:</b> Apply knowledge of computing fundamentals, computing specialisation, mathematics, and domain knowledge appropriate for the computing specialisation to the abstraction and conceptualisation of computing models from defined problems and requirements.
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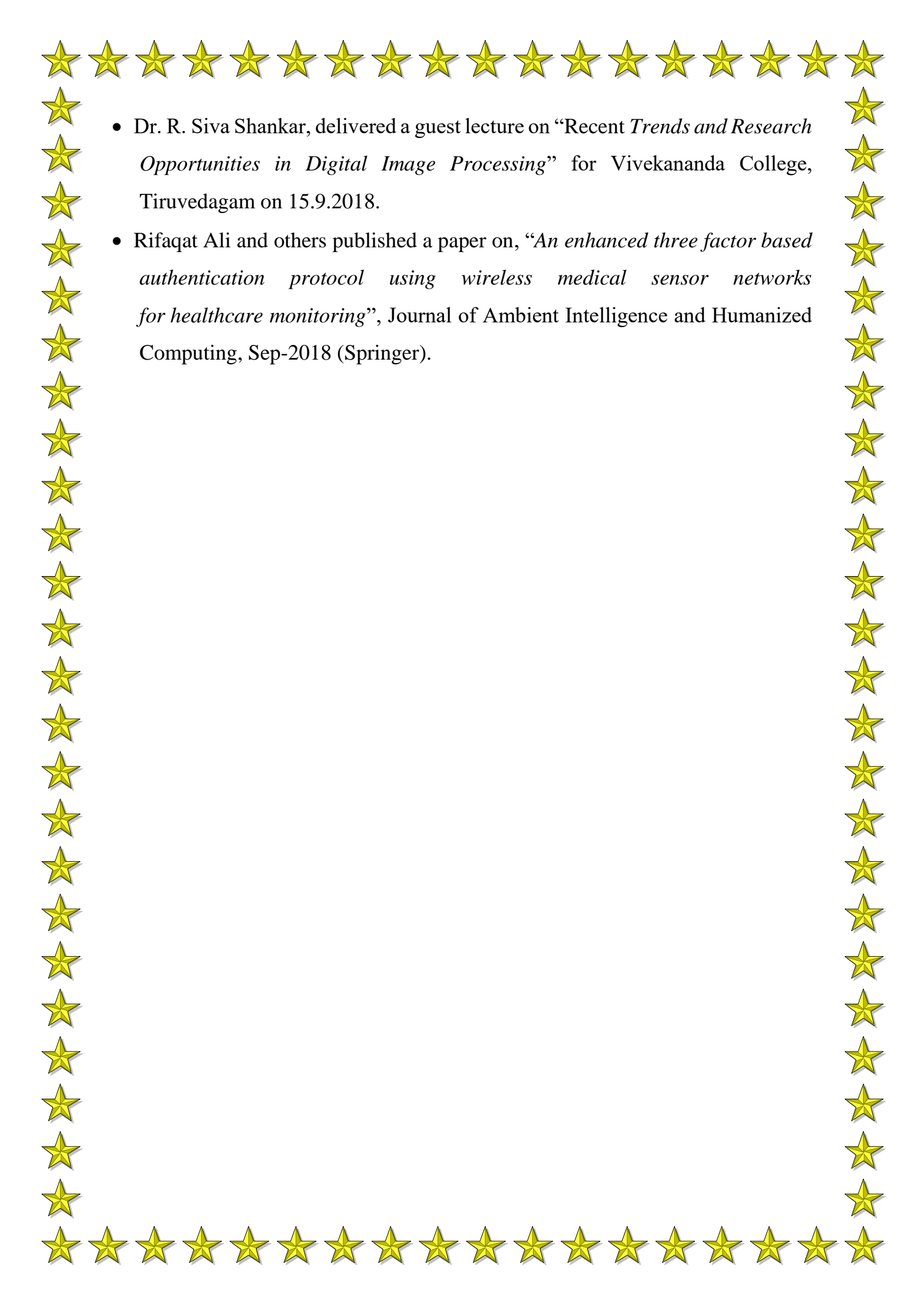


# EVENTS

- Coursera International Certification training programme on IoT conducted from 9.7.2018 to 28.7.2018

# FACULTY

- Dr. S. G. Shrinivas given hands on training on “*Mobile Application Development (Android)*” for Faculty and Students of Besant Theosophical College, Madanapalle from 1.7.2018 to 14.7.2018.
- Dr. K. Chokkanathan and others published a paper on “*A Study on Flow Based Classification Models Using Machine Learning Techniques*”, International Journal of Intelligent Systems Technologies and Applications-Inderscience Publishers (Scopus Indexed)-Vol. 17, No. 4, July-2018
- Dr. R. Siva Shankar delivered a guest lecture on “*Medical Image Processing*” for Final Year BCA students of PSGR Krishnammal College for Women, Coimbatore on 10.8.2018.
- Dr.S.G.Shrinivas, Guest lecture on “*Neural Networks*”, Department of Computer Science and Computer Applications, Sakthi Kailash Women’s College, Dharmapuri, Tamilnadu, India. August 31, 2018.
- Dr.A.Manimaran, Guest lecture on “*Big Data Analytics*”, Department of Computer Science and Computer Applications, Sakthi Kailash Women’s College, Dharmapuri, Tamilnadu, India. August 31, 2018.
- Dr. R. Siva Shankar and others published a paper on, “*Estimation of Fetal Brain Volume from MRI of Human Fetus*”, Biomedical Journal of Scientific & Technical Research, Sep 2018 (ISSN-2574-1241).

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- Dr. R. Siva Shankar, delivered a guest lecture on “*Recent Trends and Research Opportunities in Digital Image Processing*” for Vivekananda College, Tiruvedagam on 15.9.2018.
  - Rifaqat Ali and others published a paper on, “*An enhanced three factor based authentication protocol using wireless medical sensor networks for healthcare monitoring*”, Journal of Ambient Intelligence and Humanized Computing, Sep-2018 (Springer).



# Newsletter

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Volume 6

Issue 2

October – December 2018

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# EVENTS

- A Workshop on “Game Development” conducted by APSSDC from 30.10.2018 to 1.11.2018.
- A Workshop on "*Recent Trends in Cyber Security*" was organised by Dept of ECE & MCA on 17th November 2018.
- A Guest Lecture on "*Innovative Ideas on new Technologies*" organized by Dept of Computer Applications for MCA Students on 13th December 2018.

# FACULTY

- Dr. R. Siva Shankar, Participated in the “*7th Indian School on Logic and its Application*” held at Vellore Institute of Technology, Vellore during 29th September to 3rd October, 2018.
- Dr. Rifaqat Ali, Department of Computer Applications, received his Ph.D. from Indian Institute of Technology (Indian School of Mines), Dhanbad on 3<sup>rd</sup> October 2018 and his thesis entitled "*Design of Remote User Authentication Schemes Based on Cryptographic Approach*".
- Dr. N. Naveen Kumar attended “*Annual Training Camp-IX RDC(IGC)*” at Secunderabad from 27.10.18 to 5.11.2018
- Dr. N. Naveen Kumar received I2OR – Bright Educator Award 2018 for “*Image Processing*” from International Institute of Organized Research
- Dr. R.Siva Shankar and others published, “*Skull Stripping Using Pixel Affinity Graph Method for MRI Head Scans*”, International Journal of Engineering and Technology, 2018.

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- Dr. R. Siva Shankar completed a course on “*Business English Certificate Vantage*”, conducted by Cambridge during Dec-2018.
  - Dr. V. L. Pavani published a paper on “*A Novel Authentication Mechanism to Prevent Unauthorized Service Access for Mobile Device in Distributed Network*”, International Journal of Interactive Mobile Technologies, Vol. 12, No. 8, 2018. ISSN: 1865-7923.
  - Dr. S. G. Shrinivas, Acted as an External Examiner for Ph.D Public Viva- Voce held at Bharathiyar University on 21<sup>st</sup> December, 2018.

## STUDENTS

- 6 Students from II MCA attended 5 day workshop on “*Indian School Logics and its Applications*” at Vellore Institute of Technology, Vellore, From 29<sup>th</sup> September to 03<sup>rd</sup> October 2018.
- 2 Students from II MCA(2Y), Presented a Technical Paper in NIPUNA-2K18 (A One Day National Level Technical Symposium) held on 6<sup>th</sup> October, 2018 at Narayana Engineering College, Gudur.
- C. Gufran, II MCA Student presented a paper on LiFi and won the Second Prize in Newton Technical Fest, Organized by SV College of Engineering, Kapdapa, on 13<sup>th</sup> October, 2018.
- 23 Students from II MCA(2Y) A & B Sec, Presented their Technical Papers in Newton Technical Fest, Organized by SV College of Engineering, Kapdapa, on 13<sup>th</sup> October, 2018



- 16691F0008 B Ganesh Selected as a Campus Ambassador for IISc ,  
Bangaluru during Nov, 2018
- 16691F0008 B Ganesh Selected as a Campus Ambassador for IISc ,  
Bangaluru during Nov,2018.
- 15691F0002 S Irfan Received appreciation in Robert Bosch as a part of his  
Internship during 2018.

## **NPTEL / SWAYAM CERTIFICATIONS**

<i>S. NO.</i>	<i>COURSE</i>	<i>TOTAL NO. OF STUDENTS</i>
1	Internet of Things	37
2	Java Programming	71
3	Software Engineering	72

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Issue 3

January – March 2019

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# EVENTS

- FDP on “*Accreditation and Autonomy*” conducted by Dr. Harinath Gowd and Dr. Ramesh Reddy on 3<sup>rd</sup> Jan 2019.
- A Job Oriented Corporate Training Programme on “*Web Application & Server Application Development*” organized by Department of Computer Applications on 18th January 2019.
- TCS Ninja training programme conducted by Talentio from 21.1.2019 to 26.1.2019.
- A Guest Lecture on "*Emerging Trends and Job Opportunities in Software Industry*" was Organized by Department of Computer Applications on 2nd February 2019.
- CRESCENDO - 2019 A One Day Graduates' Meet for final year Degree students jointly organized by MITS School of Business & Department of Computer Applications on 8th February 2019.
- A Guest Lecture on "*Programming in Java*" was Organized by Department of Computer Applications & MITSAWA on 23rd February 2019.
- Department of Computer Application has signed MoU with SSBN Degree college Anantapur to share intellectual knowledge on 3<sup>rd</sup> March 2019.
- A seminar on “Advanced Topics in Excel” given by Dr. YCA Padmanabha Reddy on 16<sup>th</sup> March 2019. .



- Interactive Sessions with Alumni by Irfan Khan and Madhu on 27<sup>th</sup> March 2019.

## FACULTY

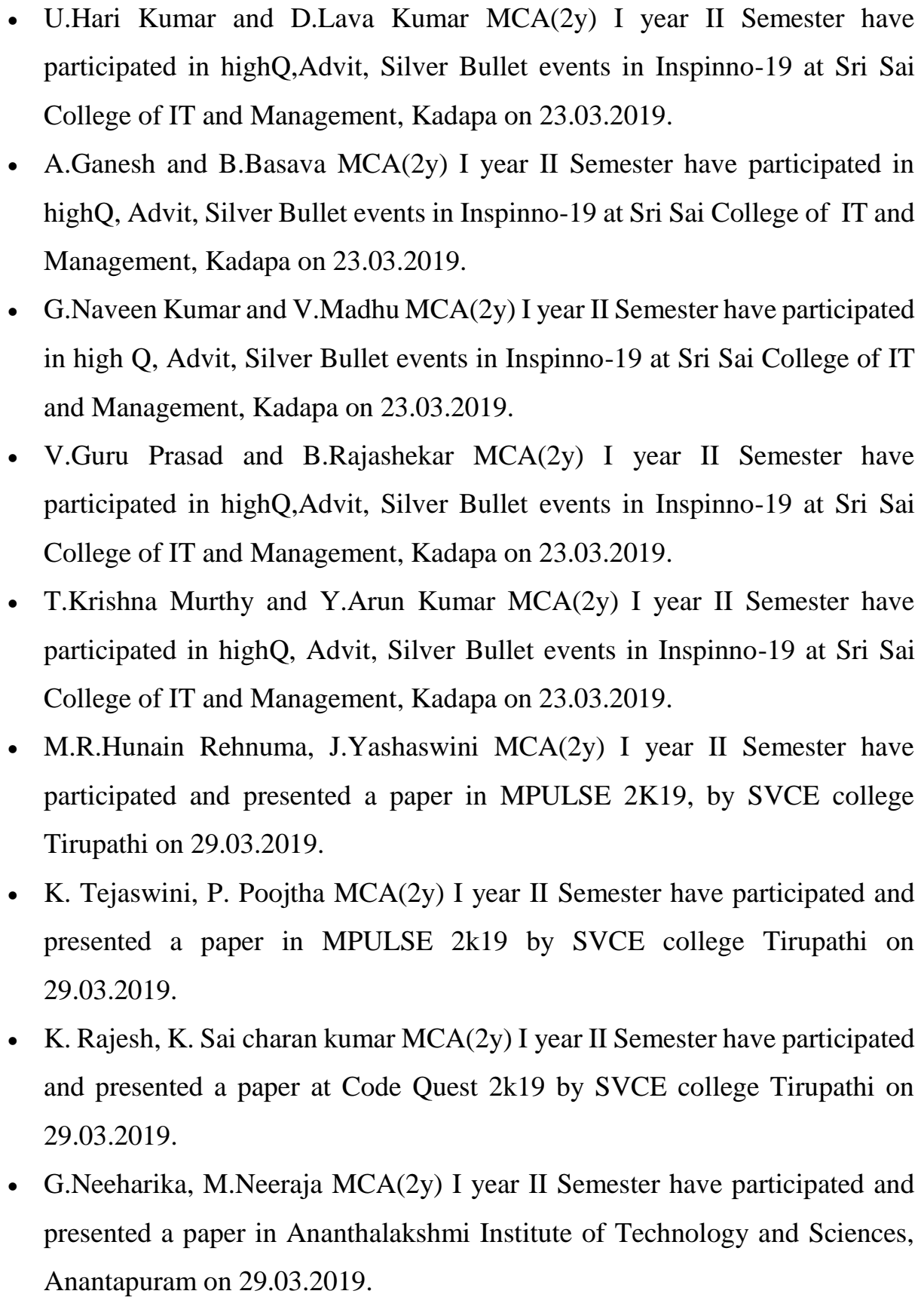
- Dr. P. L. Pavani completed a certificate program and received “*Certificate of Distinction*” from IUCEE International Engineering Educator during Jul-2018 to Jan-2019.
- Dr. R. Siva Shankar completed South Bound Immersion Program for workshop and real time project implementation on “*IoT and Big Data*” by Providence University, Taiwan from 16-Dec-2018 to 3-Jan-2019.
- Dr. Naeem Ahmad acted as a resource person for “*Python Language Programme Training in Computer Science*” for PGTs and CIs by State Institute of Education and NCERT at Port Blair from 16.1.2019 to 19.1.2019.
- Dr. S. V. S. Ganga Devi, published a paper on “*Analysis of Ground Water Quality Data*”, International journal of Multidisciplinary, Volume 4, Issue 1, Jan-2019 (ISSN: 2455 3085).
- Dr. Naeem Ahmad received a Reviewer Certificate for Computer and Information Sciences from Elsevier for review contribution during Feb-2019.
- Dr. S. V. S. Ganga Devi acted as a resource person in an International Conference on “*Computing, Communications and Data Engineering*” organized by Sri Padmavathi Mahila Visvavidyalayam, Tirupathi on 1<sup>st</sup> and 2<sup>nd</sup> of Feb-2019.
- Dr. P. L. Pavani attended a workshop on “*NBA / NAAC Accreditation Process for Technical Institutions*” at MITS, from 11.2.2019 to 15.2.2019.
- Dr. S. V. S. Ganga Devi published a paper on “*Determining Drinking Water Classification using Water Quality Index values in the Regions of Kadapa*”

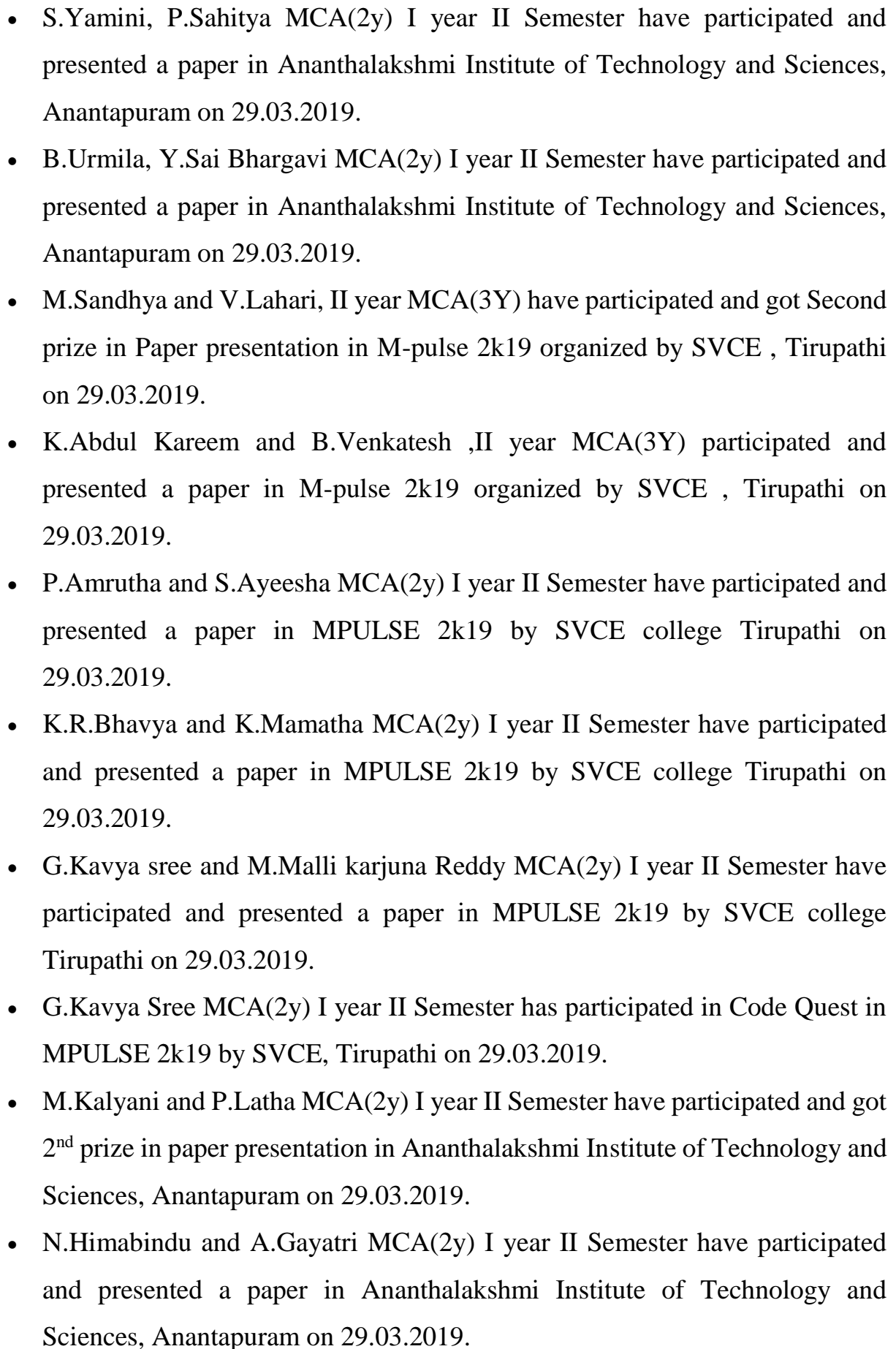
*District*”, Journal of Emerging Technologies and Innovative Research, Volume 6. Issue 3, March 2019 (ISSN: 2349 5162).

- Dr. R. Siva Shankar completed NPTEL Online Certification course on “*Programming, Data Structures and Algorithms using Python*” during Jan-Mar-2019.

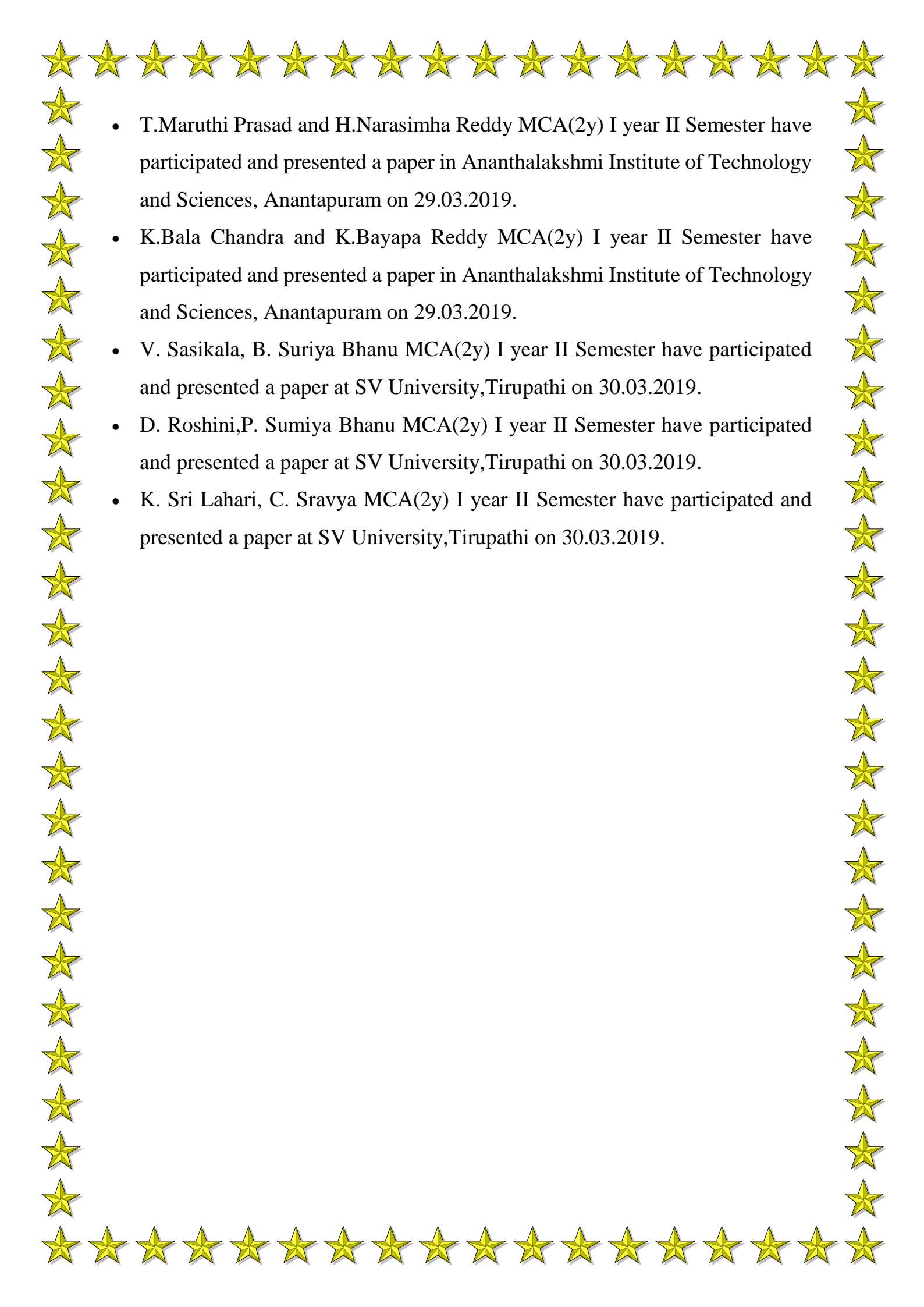
## STUDENTS

- 16691F0010 P Irfan Khan has successfully completed the training course of “Big Data and AI” and exceptional performance that has led to the successful completion project “Voice Recognition” in Providence University, Taiwan on 07/01/2019.
- 17691F0056 P Venkatesh has successfully completed the Immersion Program in “Introduction to Big Data & Artificial Intelligence” in Providence University, Taiwan during 02/01/2019 to 11/01/2019.
- 17691F0056 P Venkatesh has successfully completed the Special Topics in “IOT and AI” in Providence University, Taiwan from 16/12/2018 to 17/01/2019.
- 17691F0056 P Venkatesh has successfully completed the Immersion Program in “Introduction to Big Data & Artificial Intelligence” in Providence University, Taiwan from 02/01/2019 to 11/01/2019.
- 18695F0006 V Geetha Received First Prize in National Conference College Of Mother Theresa Institute of Computer Applications, Palamaner on 22/03/2019.
- 17691F0023 S Manjula Received First Prize in National Conference College Of Mother Theresa Institute of Computer Applications, Palamane on 22/03/2019.

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- U.Hari Kumar and D.Lava Kumar MCA(2y) I year II Semester have participated in highQ, Advit, Silver Bullet events in Inspinno-19 at Sri Sai College of IT and Management, Kadapa on 23.03.2019.
  - A.Ganesh and B.Basava MCA(2y) I year II Semester have participated in highQ, Advit, Silver Bullet events in Inspinno-19 at Sri Sai College of IT and Management, Kadapa on 23.03.2019.
  - G.Naveen Kumar and V.Madhu MCA(2y) I year II Semester have participated in high Q, Advit, Silver Bullet events in Inspinno-19 at Sri Sai College of IT and Management, Kadapa on 23.03.2019.
  - V.Guru Prasad and B.Rajashekar MCA(2y) I year II Semester have participated in highQ, Advit, Silver Bullet events in Inspinno-19 at Sri Sai College of IT and Management, Kadapa on 23.03.2019.
  - T.Krishna Murthy and Y.Arun Kumar MCA(2y) I year II Semester have participated in highQ, Advit, Silver Bullet events in Inspinno-19 at Sri Sai College of IT and Management, Kadapa on 23.03.2019.
  - M.R.Hunain Rehnuma, J.Yashaswini MCA(2y) I year II Semester have participated and presented a paper in MPULSE 2K19, by SVCE college Tirupathi on 29.03.2019.
  - K. Tejaswini, P. Poojtha MCA(2y) I year II Semester have participated and presented a paper in MPULSE 2k19 by SVCE college Tirupathi on 29.03.2019.
  - K. Rajesh, K. Sai charan kumar MCA(2y) I year II Semester have participated and presented a paper at Code Quest 2k19 by SVCE college Tirupathi on 29.03.2019.
  - G.Neeharika, M.Neeraja MCA(2y) I year II Semester have participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.

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- S.Yamini, P.Sahitya MCA(2y) I year II Semester have participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.
  - B.Urmila, Y.Sai Bhargavi MCA(2y) I year II Semester have participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.
  - M.Sandhya and V.Lahari, II year MCA(3Y) have participated and got Second prize in Paper presentation in M-pulse 2k19 organized by SVCE , Tirupathi on 29.03.2019.
  - K.Abdul Kareem and B.Venkatesh ,II year MCA(3Y) participated and presented a paper in M-pulse 2k19 organized by SVCE , Tirupathi on 29.03.2019.
  - P.Amrutha and S.Ayeesha MCA(2y) I year II Semester have participated and presented a paper in MPULSE 2k19 by SVCE college Tirupathi on 29.03.2019.
  - K.R.Bhavaya and K.Mamatha MCA(2y) I year II Semester have participated and presented a paper in MPULSE 2k19 by SVCE college Tirupathi on 29.03.2019.
  - G.Kavya sree and M.Malli karjuna Reddy MCA(2y) I year II Semester have participated and presented a paper in MPULSE 2k19 by SVCE college Tirupathi on 29.03.2019.
  - G.Kavya Sree MCA(2y) I year II Semester has participated in Code Quest in MPULSE 2k19 by SVCE, Tirupathi on 29.03.2019.
  - M.Kalyani and P.Latha MCA(2y) I year II Semester have participated and got 2<sup>nd</sup> prize in paper presentation in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.
  - N.Himabindu and A.Gayatri MCA(2y) I year II Semester have participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.



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- T.Maruthi Prasad and H.Narasimha Reddy MCA(2y) I year II Semester have participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.
  - K.Bala Chandra and K.Bayapa Reddy MCA(2y) I year II Semester have participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29.03.2019.
  - V. Sasikala, B. Suriya Bhanu MCA(2y) I year II Semester have participated and presented a paper at SV University,Tirupathi on 30.03.2019.
  - D. Roshini,P. Sumiya Bhanu MCA(2y) I year II Semester have participated and presented a paper at SV University,Tirupathi on 30.03.2019.
  - K. Sri Lahari, C. Sravya MCA(2y) I year II Semester have participated and presented a paper at SV University,Tirupathi on 30.03.2019.

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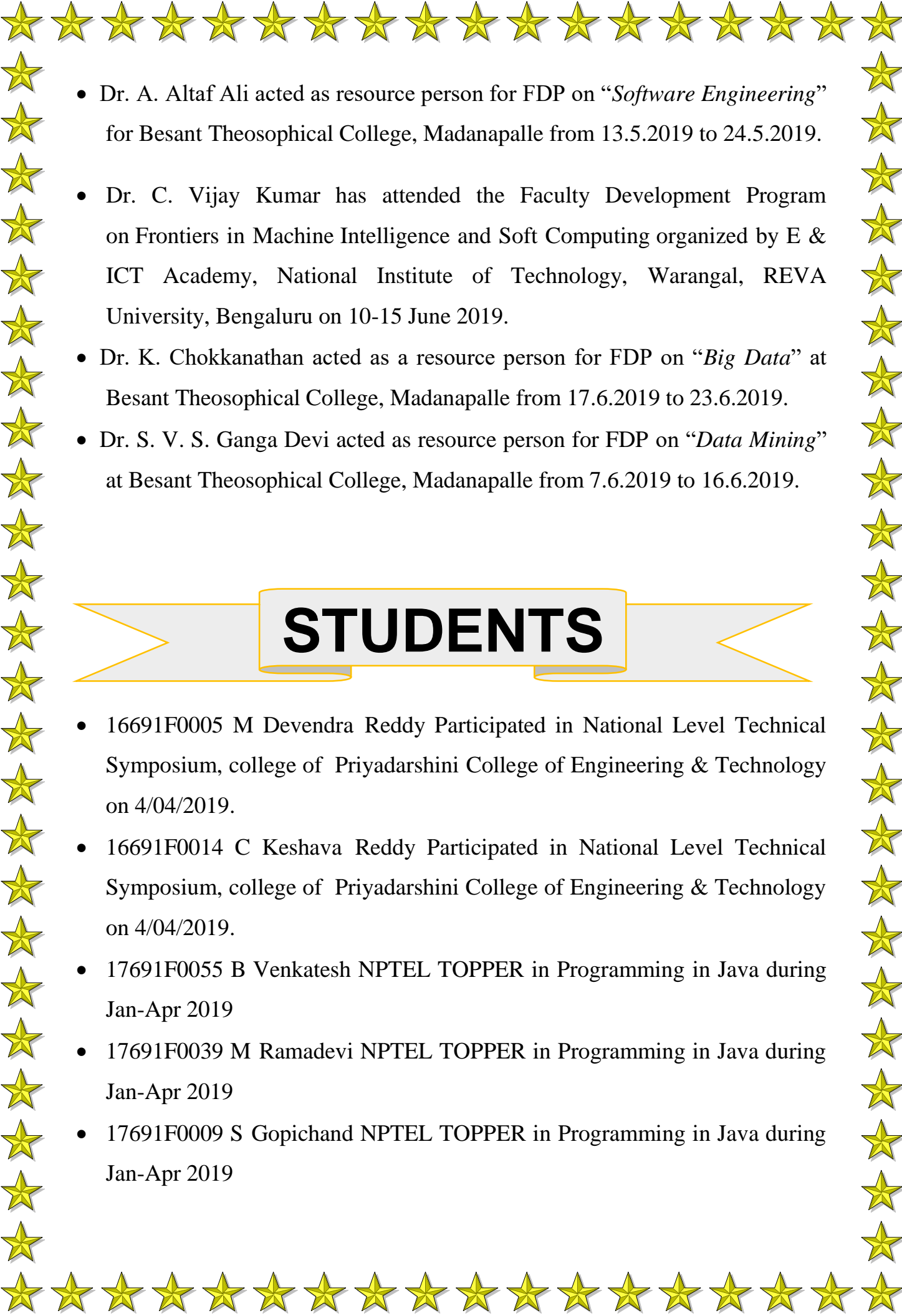
# EVENTS

- A Guest Lecture organized by Department of Computer Application on *“Multimedia Opportunities for AI”* on 15th May 2019.
- A Guest Lecture on *“Identification and Automation of Real-World Problems”* conducted on 18<sup>th</sup> May 2019.
- Department of Computer Application along with NCC has organized *“National Anti-terrorism”* day on 23<sup>rd</sup> May 2019.

# FACULTY

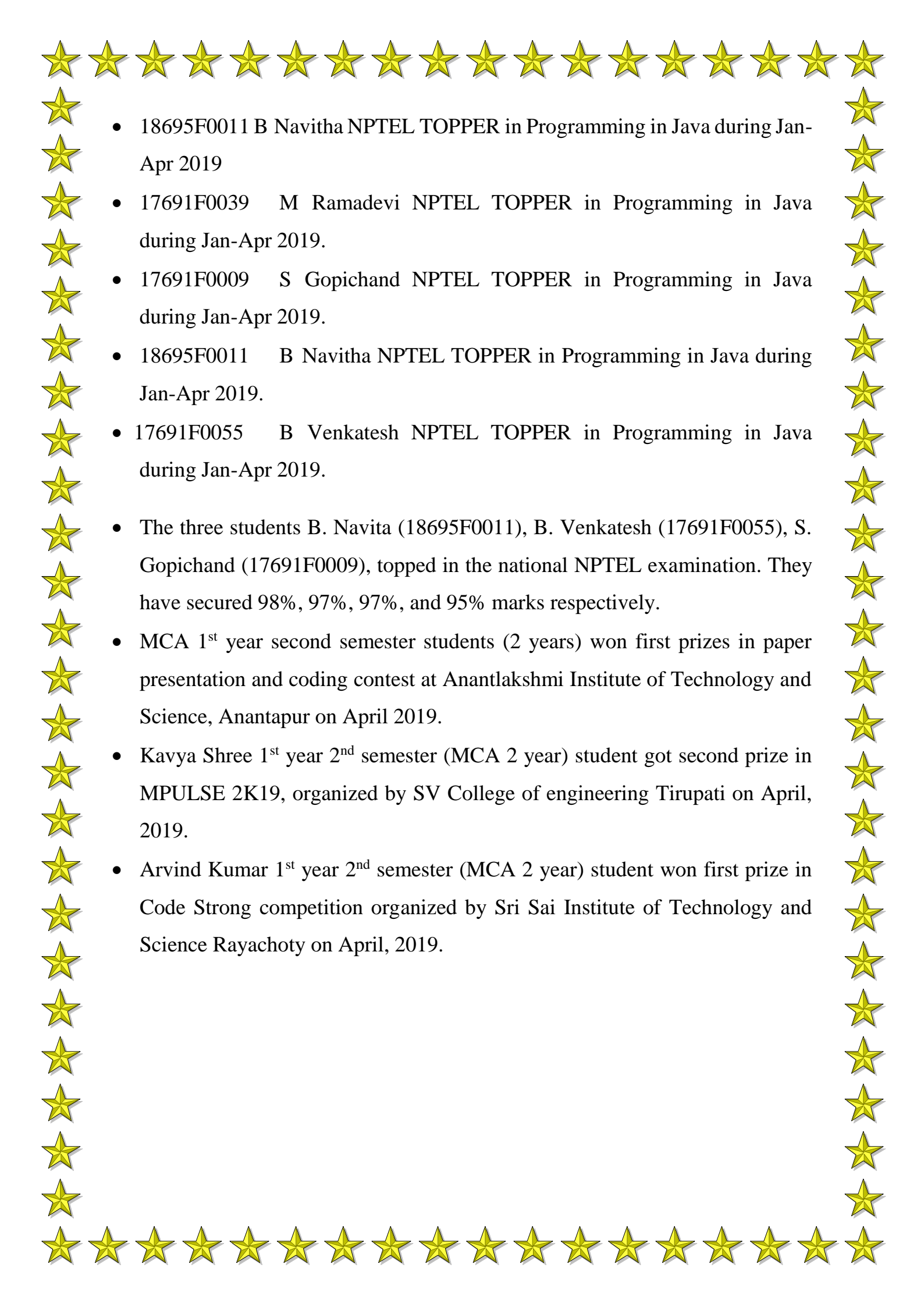
- Dr. A. Manimaran completed NPTEL Online Certification Course on *“Cryptography and Network Security”* during Jan-Apr-2019.
- Dr. S. V. S. Ganga Devi completed NPTEL Online Certification Course on *“Data Mining”* during Feb-Apr-2019.
- Dr. K. Surekha completed NPTEL Online Certification course on *“Programming in Java”* during Jan-Apr-2019.
- Dr. V. L. Pavani acted as Peer Evaluator and Presenter for IIEEP course, Phase-III on 27.4.2019.
- Dr. Naeem Ahmad received a Reviewer Certificate for Ad Hoc Networks from Elsevier for review contribution during Apr-2019.
- Dr. S. V. S. Ganga Devi published a paper on *“Random Forest Advice for Water Quality Prediction in the Regions of Kadapa District”*, International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 6S4, Apr-2019 (ISSN: 2278 3075).



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- Dr. A. Altaf Ali acted as resource person for FDP on “*Software Engineering*” for Besant Theosophical College, Madanapalle from 13.5.2019 to 24.5.2019.
  - Dr. C. Vijay Kumar has attended the Faculty Development Program on Frontiers in Machine Intelligence and Soft Computing organized by E & ICT Academy, National Institute of Technology, Warangal, REVA University, Bengaluru on 10-15 June 2019.
  - Dr. K. Chokkanathan acted as a resource person for FDP on “*Big Data*” at Besant Theosophical College, Madanapalle from 17.6.2019 to 23.6.2019.
  - Dr. S. V. S. Ganga Devi acted as resource person for FDP on “*Data Mining*” at Besant Theosophical College, Madanapalle from 7.6.2019 to 16.6.2019.

## STUDENTS

- 16691F0005 M Devendra Reddy Participated in National Level Technical Symposium, college of Priyadarshini College of Engineering & Technology on 4/04/2019.
- 16691F0014 C Keshava Reddy Participated in National Level Technical Symposium, college of Priyadarshini College of Engineering & Technology on 4/04/2019.
- 17691F0055 B Venkatesh NPTEL TOPPER in Programming in Java during Jan-Apr 2019
- 17691F0039 M Ramadevi NPTEL TOPPER in Programming in Java during Jan-Apr 2019
- 17691F0009 S Gopichand NPTEL TOPPER in Programming in Java during Jan-Apr 2019

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- 18695F0011 B Navitha NPTEL TOPPER in Programming in Java during Jan-Apr 2019
  - 17691F0039 M Ramadevi NPTEL TOPPER in Programming in Java during Jan-Apr 2019.
  - 17691F0009 S Gopichand NPTEL TOPPER in Programming in Java during Jan-Apr 2019.
  - 18695F0011 B Navitha NPTEL TOPPER in Programming in Java during Jan-Apr 2019.
  - 17691F0055 B Venkatesh NPTEL TOPPER in Programming in Java during Jan-Apr 2019.
  - The three students B. Navita (18695F0011), B. Venkatesh (17691F0055), S. Gopichand (17691F0009), topped in the national NPTEL examination. They have secured 98%, 97%, 97%, and 95% marks respectively.
  - MCA 1<sup>st</sup> year second semester students (2 years) won first prizes in paper presentation and coding contest at Anantlakshmi Institute of Technology and Science, Anantapur on April 2019.
  - Kavya Shree 1<sup>st</sup> year 2<sup>nd</sup> semester (MCA 2 year) student got second prize in MPULSE 2K19, organized by SV College of engineering Tirupati on April, 2019.
  - Arvind Kumar 1<sup>st</sup> year 2<sup>nd</sup> semester (MCA 2 year) student won first prize in Code Strong competition organized by Sri Sai Institute of Technology and Science Rayachoty on April, 2019.