Newsletter

Volume 7　　　Issue 1

July – September 2019

Department of Computer Applications

Estd 1998

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.
PEO2	Contribute by building innovative and sustainable solutions to the problems in the IT industry.
PEO3	Achieve successful career by exhibiting social responsibility leading to lifelong learning.

PROGRAM OUTCOMES

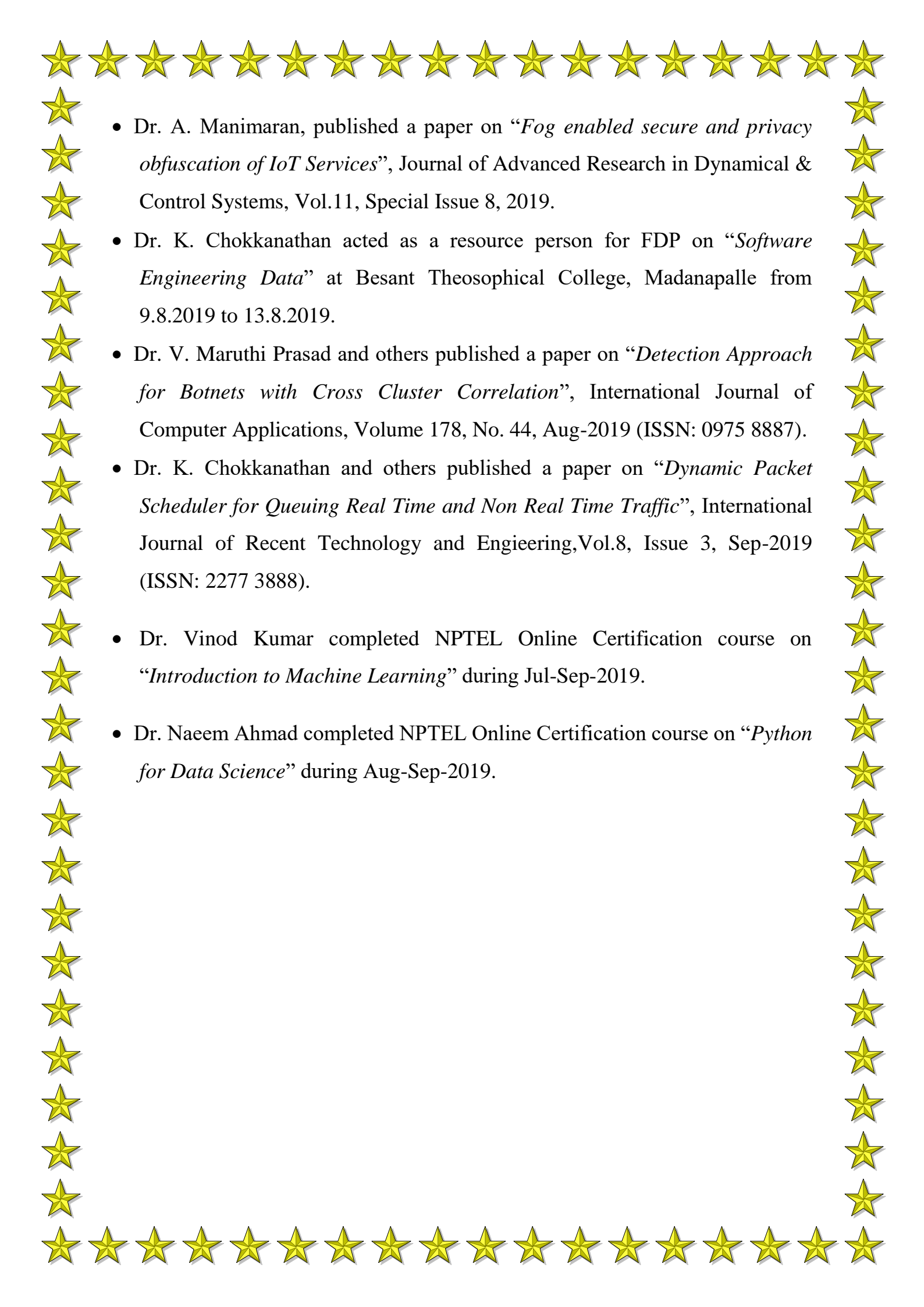|	
PO1	**Computational Knowledge:** Apply knowledge of computing fundamentals, computing specialisation, mathematics, and domain knowledge appropriate for the computing specialisation to the abstraction and conceptualisation of computing models from defined problems and requirements.
PO2	**Problem analysis:** Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.
PO3	**Design/development of solutions:** Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
PO4	**Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	**Modern tool usage:** Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.
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PO11	**Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.
PO12	**Innovation and Entrepreneurship:** Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

EVENTS

- TCS Ninja Training programme conducted by Talentio from 26.6.19 to 16.7.2019.

- A Training Programme on "*Web with Cloud and Dev Ops*" organized by Department Of Computer Applications from 9.7.2019 to 27.72019.

- A two weeks training program on "*Web with cloud and DevOps*" organized by Department of Computer application on 18th July 2019.

- Guest Lecture on "*SharePoint*" conducted on 16.8.19 given by Mr. Madhu HP Bangalore & Mr. Irafan S, Robert Bosch, Bangalore.

- Guest Lecture on "Angular JS" conducted on 16.8.19 given by Mr. Irfan, Alumni of MITS.

- Awareness on "*Yoga & Transcendental Meditation*" conducted on 5.9.19 by Braian Levin (Psycologist) Maharshi Vedic Univercity (U.S.A).

- Orientation program on "*Interpersonal Relations*" conducted on 9.9.19 by K. Nirmalamma.

- Awareness on "*Health Ecology and Sustainable Living*" conducted on 10.9.19 by M. V. Prasad.

FACULTY

- Dr. Mohammad Shameem and others published a paper on "*Fuzzy AHP based prioritization and taxonomy of software process improvement success factors*

in global software development", Applied Soft Computing Journal (83) 2019 (Elsevier).

- Dr. S. G. Shrinivas conducted a workshop on "*Android Applications*" to final year UG students of Sree Abiraami Arts and Science College for Women, Gudiyattam from 30.6.2019 to 7.7.2019.

- Dr. A. Manimaran participated a workshop on "*Network Data Analytics – A hands on approach for Application Development*", AICTE sponsored and organized by Ramaiah Institute of Technology, Bangaluru from 1.7.2019 to 5.7.2019.

- Dr. Vinod Kumar participated a workshop on "*Network Data Analytics – A hands on approach for Application Development*", AICTE sponsored and organized by Ramaiah Institute of Technology, Bangaluru from 1.7.2019 to 5.7.2019.

- Dr. R. Siva Shankar delivered a lecture in National Seminar on "*Deep Learning*" for Govt. College for Women, Kumbakonam on 14.7.2019.

- Dr. Naeem Ahmad acted as a resource person for faculty exchange programme on "*Big Data Analytics*" for PG students at Besant Theosophical College, Madanapalle from 10.7.2019 to 24.7.2019.

- Dr. R. Siva Shankar completed NPTEL Online Certification course on "*Sustainable and Affordable Sanitation Solutions for Small Towns: Policy, Planning and Practice*" during Jul-Aug-2019.

- Dr. K. Surekha and others published a paper on "*Detection Approach for Botnets with Cross Cluster Correlation*", International Journal of Computer Applications, Volume 178, No. 44, Aug-2019 (ISSN: 0975 8887).

- Dr. A. Manimaran, published a paper on "*A Study on Applications of Internet of Underwater Things (IoUT)*", Journal of Advanced Research in Dynamical & Control Systems, Vol.11, Special Issue 8, 2019.

- Dr. A. Manimaran, published a paper on "*Fog enabled secure and privacy obfuscation of IoT Services*", Journal of Advanced Research in Dynamical & Control Systems, Vol.11, Special Issue 8, 2019.

- Dr. K. Chokkanathan acted as a resource person for FDP on "*Software Engineering Data*" at Besant Theosophical College, Madanapalle from 9.8.2019 to 13.8.2019.

- Dr. V. Maruthi Prasad and others published a paper on "*Detection Approach for Botnets with Cross Cluster Correlation*", International Journal of Computer Applications, Volume 178, No. 44, Aug-2019 (ISSN: 0975 8887).

- Dr. K. Chokkanathan and others published a paper on "*Dynamic Packet Scheduler for Queuing Real Time and Non Real Time Traffic*", International Journal of Recent Technology and Engieering,Vol.8, Issue 3, Sep-2019 (ISSN: 2277 3888).

- Dr. Vinod Kumar completed NPTEL Online Certification course on "*Introduction to Machine Learning*" during Jul-Sep-2019.

- Dr. Naeem Ahmad completed NPTEL Online Certification course on "*Python for Data Science*" during Aug-Sep-2019.

Newsletter

Volume 7   Issue 2

October – December 2019

Department of Computer Applications

Madanapalle Institute of Technology and Science

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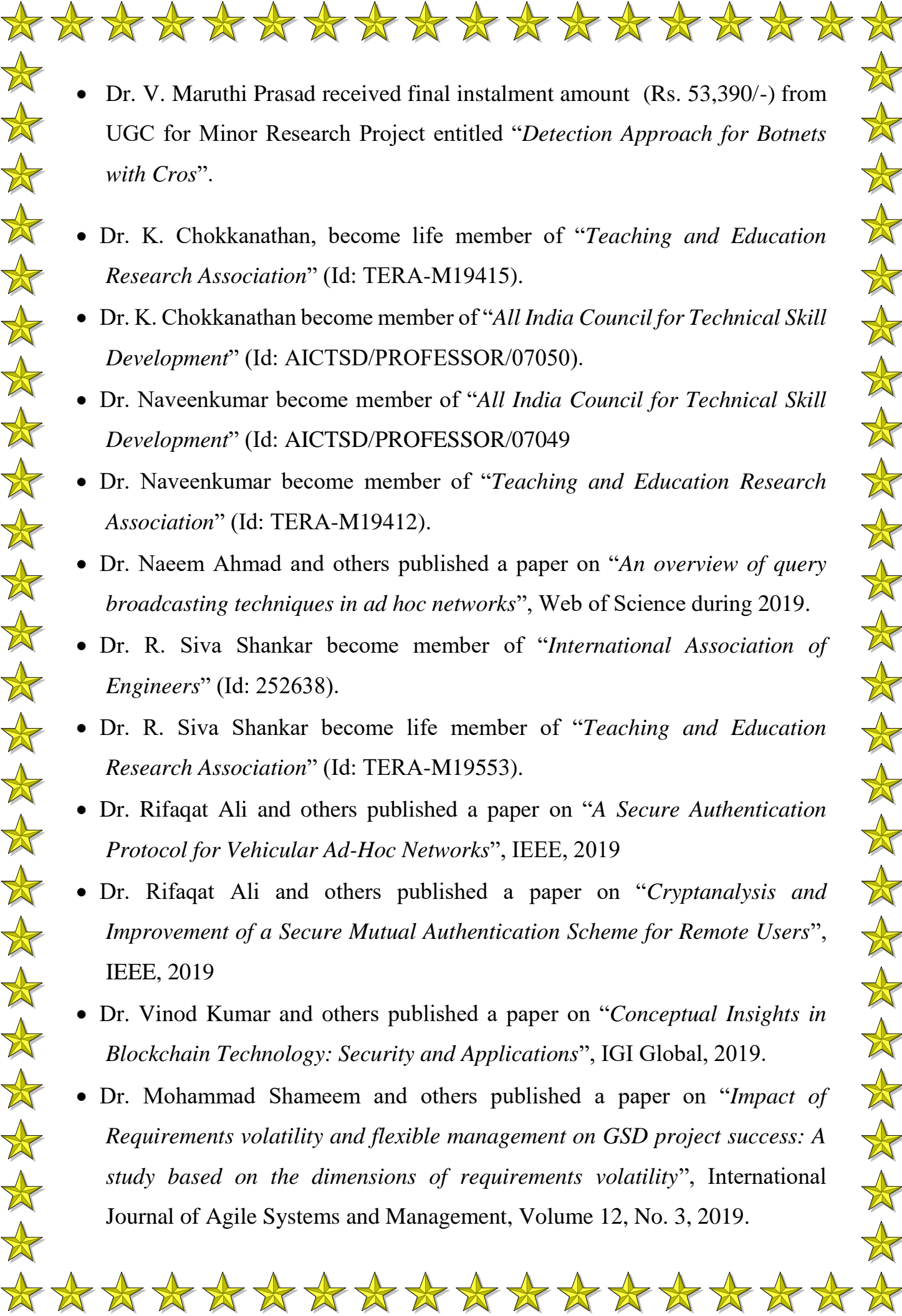| PROGRAM OUTCOMES	
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EVENTS

- Guest Lecture on "*Robotic Automation Process – RAP*" conducted on 1.10.19 given by Tecmax InfoTech.

- Workshop on "*Outcome Based Education (OBE)*" conducted on 22nd and 23rd of October 2019 by Dr. P. Suryanarayana Raju and Dr. M. Sreedevi.

- Workshop on "*Android Application Development (Attendance) – APSSDC*" conducted from 30.10.19 to 5.11.19 by Mr. Ram Reddy.

- Placement Training on "*Programming in Java*" conducted on 16th, 17th, 23rd, 24th, 30th of November and 1st of December by Mr. Himanshu Ranjan Seth & Mr. Mohd Aamir.

- Social Activity – Armed Force Flag Day conducted by Dr. N. Naveen Kumar on 6th Dec 2019.

- Human Rights Awareness programme conducted on 10th Dec 2019.

FACULTY

- Dr. Vinod Kumar completed NPTEL Online Certification course on "*Introduction to Internet of Things*" during Jul-Oct-2019.

- Dr. S. V. S. Ganga Devi received final instalment (Rs. 90,000) of UGC Minor Research Project entitled "*Analysing Ground Water Quality using Data Mining*" on 21.10.2019.

- Dr. V. Maruthi Prasad received final instalment amount (Rs. 53,390/-) from UGC for Minor Research Project entitled "*Detection Approach for Botnets with Cros*".

- Dr. K. Chokkanathan, become life member of "*Teaching and Education Research Association*" (Id: TERA-M19415).

- Dr. K. Chokkanathan become member of "*All India Council for Technical Skill Development*" (Id: AICTSD/PROFESSOR/07050).

- Dr. Naveenkumar become member of "*All India Council for Technical Skill Development*" (Id: AICTSD/PROFESSOR/07049

- Dr. Naveenkumar become member of "*Teaching and Education Research Association*" (Id: TERA-M19412).

- Dr. Naeem Ahmad and others published a paper on "*An overview of query broadcasting techniques in ad hoc networks*", Web of Science during 2019.

- Dr. R. Siva Shankar become member of "*International Association of Engineers*" (Id: 252638).

- Dr. R. Siva Shankar become life member of "*Teaching and Education Research Association*" (Id: TERA-M19553).

- Dr. Rifaqat Ali and others published a paper on "*A Secure Authentication Protocol for Vehicular Ad-Hoc Networks*", IEEE, 2019

- Dr. Rifaqat Ali and others published a paper on "*Cryptanalysis and Improvement of a Secure Mutual Authentication Scheme for Remote Users*", IEEE, 2019

- Dr. Vinod Kumar and others published a paper on "*Conceptual Insights in Blockchain Technology: Security and Applications*", IGI Global, 2019.

- Dr. Mohammad Shameem and others published a paper on "*Impact of Requirements volatility and flexible management on GSD project success: A study based on the dimensions of requirements volatility*", International Journal of Agile Systems and Management, Volume 12, No. 3, 2019.

STUDENTS

- Irfan Khan P (16691F0010) has been awarded proudly given for his outstanding contribution as a Campus Ambassador for Entrepreneurship Cell, IIM Lucknow during 2019.

NPTEL / SWAYAM CERTIFICATIONS

S. NO.	COURSE	TOTAL NO. OF STUDENTS
1	Internet of Things	67

OTHER CERTIFICATIONS

S. NO.	COURSE	TOTAL NO. OF STUDENTS
1	RedHat Training	37
2	Internet of Things	52

Newsletter

Editorial Board

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

Faculty Editor Mr.Mohd Shameem, Asst. Professor/MCA

Student Editor Mr. Venkatesh III-MCA

Volume 7   Issue 3

January – March 2020

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EVENTS

- **Placement Assessment Awareness Programme for Second Year MCA students conducted by Training and Placement Cell on 4.1.2020**
- **APITA External Training Programme for final year MCA students organized by Training and Placement Cell during 30.1.2020 31.1.2020 and 1.2.2020**
- **First Naukri PreAccess Training Programme for second year MCA students conducted by Training and Placement Cell on 1.2.2020**
- **FACE Assessment for second year MCA students conducted by Training and Placement Cell on 7.2.2020**
- **CoCube PreAccess for final year MCA students conducted by Training and Placement Cell on 13.2.2020**
- **InfyTQ Aptitude Training Programme for second year MCA students organized by Training and Placement Cell during 15.2.2020, 19.2.2020 and 20.2.2020**
- **Barclays Training Programme for first year MCA students conducted by Training and Placement Cell during 16.3.2020 and 17.3.2020**

FACULTY

- **A six-day short term course on 'Basics of Python' conducted by Dr. Naeem Ahmad, Associate Professor for first year MCA students from 9.3.2020 to 13.3.2020**
- **Most of the faculty members participated in several online programmes such as webinars, FDPs and workshops**

- **Staff members enrolled in coursera and NPTEL courses in various domains.**

STUDENTS

- **All students participated in all training programmes conducted by Training and Placement Cell from January to March 2020**
- **All students enrolled for coursera and NPTEL courses in different domains**

Newsletter

Editorial Board
  Chief Editor Dr.V.L.Pavani, HoD/MCA
  Faculty Editor Mr.Mohd Shameem, Asst. Professor/MCA
  Student Editor Mr. Venkatesh III-MCA

Volume 7   Issue 4

April – June 2020

Department of

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EVENTS

- **AMCAT PreAccess Practice Training Programme organized by Training and Placement Cell for second year MCA students from 18.4.2020 to 25.4.2020**
- **CoCubes PreAccess Training Programme conducted by Training and Placement Cell for second year MCA students on 19.4.2020**
- **Three Day National Level Online FDP on 'Internet of Things and its Applications' organized by Training and Placement Cell from 12.6.2020 to 14.6.2020**

FACULTY

- **Dr. C. Sivaraj and Dr. M. Saravanamuthu acted as Resource Persons for National Level Online FDP on 'Internet of Things and its Applications' organized by department from 12.6.2020 to 14.6.2020**
- **Dr. M. Saravanamuthu developed a course module on 'Basics of Python' for first and second year MCA students**
- **Most of the staff members completed coursera and NPTEL courses in different areas**

STUDENTS

- **All enrolled students completed coursera and NPTEL courses in various areas**