SDM Educational Society®, Ujire MMK & SDM MAHILA MAHAVIDYALAYA KRISHNAMURTHYPURAM, JLB ROAD, MYSURU KARNATAKA

"Empowerment of Women to build enlightened Society"



### REPORT OF ONE DAY NATIONAL SEMINAR ON "DATA SCIENCE"

FRIDAY, 25<sup>TH</sup> JANUARY 2019



ORGANISED BY DEPARTMENT OF COMPUTER SCIENCE AND INTERNAL QUALITY ASSURANCE CELL

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### A Brief Report on One Day National Seminar On Data Science Organized by Department of Computer Science

Department of Computer Science of Mysore Makkala Koota and Shri Dharmastala Manjunatheshwara Mahila Maha Vidyalaya had organized One Day National Seminar On Data Science on 25th January 2019. Prof.Dr.G.Hemantha Kumar, Honorable Vice Chancellor, University Of Mysore, Mysore inaugurated the seminar. Dr. B. Yashovarma, SDM Education Society, Ujire presided over the Function. Dr.P.S.Hiremath, Professor of Computer Science, KLE Technological University, BVBCET, Hubli was the Chief Guest. In the Photo seen are Prof.Sainath Malligemadu, Principal, Smt.M.V.Asha, Principal of PU College, Smt.G.R.Sumithra , IQAC Coordinator, Smt.K.S.Sukrutha, Convener and HOD of Computer Science. A total of 61 participants were present including Faculty Members of other Colleges, Post Graduation Students and Research Scholars.

After the Inauguration, Keynote Address was given by Dr. P.S.Hiremath. Technical Sessions one on the topic Feature Engineering by Dr.Veerabadrappa, Associate Professor & Head, Department of Computer Science, University College, Mangalore and Technical Sessions two on the topic Autonomous Driving by Dr.Naveen Onkarappa, Principal Engineer, Haarman International Pvt. Ltd, Bengaluru were delivered.



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premier non-profit Educational Organization of the distinguished President Padma Vibhushana Kshetra Dharmasthala. Under the able guidance functioning under the sacred aegis of Shree Educational Society spearheads more than 50 Awardee Dr.D.Veerendra Heggade, SDM Engineering, Law, Social Science, Management, studies in subjects ranging from Medicine, contemporary excellence from the base of spread across Karnataka. Establishments that premier academic and professional institutions Naturopathy and Ayurveda. represents the best of traditional expertise and SDM Educational Society®, Ujire is a

# MMK & SDM Mahila Mahavidyalaya

Dharmasthala Manjunatheshwara Educational of Computer Science of the College is organizing society. As a part of this mission, the Department and scientific temperament of the region and system that meets the higher educational needs society. Its vision is to create an integrated quality education to girl students of all strata of striving to attain all-round excellence and the year 1990 by Mysore Makkala Koota and then a One Day National Seminar. Society<sup>®</sup>, Ujire in 1992. The Institution has been College has been taken over by Shree Initially the College was established in

of the largest districts in Karnataka and is 140 km from capital of the Karnataka State which has many Bangalore, the State Capital. Mysore is the cultural attracts the people from all over the World Srirangapatna, Ranganathittu Bird Sanctuary, Mysore Palace, the Royal Mansions, Public Buildings, Administrative Centres. The city with the majestic Heritage Monuments, Educational, Commercial and Station Nanjangud, Shivanasamudra Falls, Talakadu, Biligiri Chamundi Hill, Brindavan Garden, Water Bodies Beluru Temple, Shravanabelagola etc.. are some of the Rangana Hills, Somanathapura Temple, Halebeedu radius of 3 to 4 Kms to reach Bus Terminal and Railway College is situated at the heart of the city and is in the tourists attractions around Mysore City. The host Mysore popularly known as Heritage City is one

# **Department of Computer Science**

banner of Tech Amateur IT Club of the department. Competition, Debugging Competition etc under the many activities like IT Quiz, Debate, Lecture on feel of multiple talents the department organizes internet facility. To enable the students to have hands striving to impart quality education. In the year 2009. subject as one of the optional subjects in the B.Sc knowledge of students and teachers. industrialists are organized constantly to enhance the Lecture Programmes by eminent scholars and linkage between academics and industry. Guest Industrial visits are arranged to provide much needed Software Packages along with 18MBPS leased line equipped Laboratory with latest equipments and 10, BCA course was started. The Department has well Course. Ever since its inception, the Department is into existence in 1997 to offer Computer Science The Department of Computer Science came

> placement activity with an exclusive placement cell. also encourages the students for internship and GI-Talk. The Department also organizes Computer Schools Children every year in the College. The College Awareness Programme for nearby Government High The Department also publishes Bi Annual News letter

# About the Seminar

so it is useful for the decision-makers. Hence this field structured data from the machine learning tools, data complex which requires more research. scientists interpret, convert and summarize the data a blend of various tools, algorithms & machine learning amount of unstructured and semi structured data. It is has become much more challenging, interesting, from the raw data. After collecting and processing the principles with the goal to discover hidden patterns Data Science is the processing of the large

complex and advanced analytical tools and algorithms about Data Science which involves learning more insights out of raw data which adds value in taking for processing, analyzing and drawing meaningful major decisions in the organizations The spotlight of this seminar is to know more

# **Objective of the Seminar**

through the presentations and discussions motivate them to take up research work on Data Science knowledge among participants, orient teachers and Thus to provide a forum for the exchange of views The objective of the seminar is to share

### Registration

Research Scholars and Post Graduate Registration timings - 9.30am to 10.00am. Registration is open to all Academicians, students

## Registration Fee

Academicians / Industrialists Rs. 400/-Research Scholars /Post Graduate Students Rs. 200/-400/-

### Accommodation

will be made on advance request and payment. Delegates are requested to make their own arrangements for their stay. However, such arrangements



### SDM Mahila Mahavidyalaya

Krishnamurthypuram, Mysore

### **Department of Computer Science**

in association with Internal Quality Assurance Cell (IQAC)

with the Blessings of Padmavibhushana Awardee Dr. D. Veerendra Heggade, President, SDME Society®, Ujire

Organizing

### **One Day National Seminar**

### Data Science

Friday, 25<sup>th</sup> January 2019 @ 10 am



### Inauguration By

Prof.(Dr).G. Hemanth Kumar Vice-Chancellor, University of Mysore, Mysuru

Prof.(Dr).P.S. Hiremath

Professor of Computer Science, KLE Technological University, BVBCET, Hubli will be the Chief Guest

Dr. B. Yashovarma Secretary, SDM Educational Society, Ujire ® will Preside

Venue: College Auditorium

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All are cordially invited

Smt. K S Sukrutha Head of the Department Prof. Sainath Malligemadu Principal

**Staff & Students** 

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OM SHRI MANJUNATHAYA NAMAHA

### MMK and SDM Mahila Mahavidyalaya, Mysore One Day National Seminar

on

**Data Science** 

### Inaugural Function

Date: 25-01-2018 Ti		e: 10.00 am
Invocation:	Kum. Hamsini S Kumar, III BCA	2 mins
Introductory & Welcome :	Prof. Sainath Malligemadu, Principal, MMK & SDM MMV	10 mins
Inauguration :	Prof.Dr. G. Hemantha Kumar Honorable Vice Chancellor, UOM, Mysore	5 mins
Introduction of Honorable Vice Chancellor Prof. G . Hemantha Kumar:	Smt. Ramya S K Asst. Professor of Computer Science	4 mins
Address by Vice Chancellor:	Prof. Dr.G. Hemantha Kumar Honorable Vice Chancellor, UOM, Mysore	20 mins
Introduction of Chief Guest:	Smt. Jyothilakshmi G Kava Asst. Professor of Computer Science	4 mins
Release of Bi annual News Letter GI Talk:	Prof. Dr. P S Hiremath Dept. of Computer Science (MCA), KLE Technological University, BVBCET, Hubli	3 mins
Address by Chief Guest:	Prof .Dr. P S Hiremath, Dept. of Computer Science (MCA), KLE Technological University, BVBCET, Hubli	10 mins
Presidential Address:	Dr. B. Yashovarma, Secretary,SDM Educational Society®, Ujire	10 mins
/ote of Thanks:	Smt. K.S.Sukrutha HOD of Computer Science	4 mins

Master of Ceremony: Ms.M.P.Nayana, Asst. Professor of Computer Science

OM SHRI MANJUNATHAYA NAMAHA

### MMK and SDM Mahila Mahavidyalaya, Mysore One Day National Seminar

on

### **Data Science**

### Valedictory Function

Date: 25-01-2018

Time: 4.30 pm

Invocation:	Kum. Pooja Sugam III B Sc	2 mins
Welcome :	Smt. Shashikala R Asst. Professor of Computer Science	3 mins
Proceedings of One Day State Level Seminar:	Smt. Ramya S.K Asst. Professor of Computer Science	3 mins
Valedictory Speech:	Dr. Veerabadrappa, Associate Professor and Head, Department of Computer Science, University College, Mangalore	10 mins
Presidential Address:	Prof. Sainath Malligemadu, Principal, MMK & SDM MMV	10 mins
Vote of Thanks:	Smt. Rajitha.V Asst. Professor of Computer Science	3 mins

Master of Ceremony: Ms.M.P.Nayana, Asst. Professor of Computer Science



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||OM SHRI MANJUNATHAYA NAMAHA|| SDM Educational Society, Ujire

MMK and SDM Mahila MahaVidyalaya, Mysore Department of Computer Science One Day National Level Seminar on "Data Science" January 25<sup>th</sup> 2019

### Programme Schedule

9.30 am – 10.00am	Registration
10.00am - 11.15am	Inaugural Function Inauguration by Prof. G Hemantha Kumar, Honorable Vice Chancellor, University of Mysore, Mysuru
11.15am – 11.30am	Tea Break
11.30am – 12.45 Noon	Keynote Address: Dr. P S Hiremath, Professor, Department of Computer Science (MCA), KLE Technological University, BVBCET, Hubli
12.45Noon - 1.45pm	Lunch
1.45pm – 3.00pm	Technical Session 2: Feature Engineering Dr. Veerabadrappa, Associate Professor and Head, Department of Computer Science, University Collago Manuel
3.00pm – 3.15pm	University College, Mangalore Tea Break
3.15pm – 4.30pm	Technical Session 3: Autonomous Driving Dr. Naveen Onkarappa, Principal Engineer,
	Harman International India Pvt Ltd Bengaluru

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MMK & SDM Mahila Maha Vidyalaya, Mysore **Department of Computer Science Report** on

National Seminar on Data Science





### PATRON

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Srt. D. Harshendra Kumar Dr. B. Yashovarma Srt. D. Hartinenora nume Dr. B.Yashovarma Secretaries, SDME Societym, Ujtre

ORGANIZING CHAIR Prof. Semath Mallgomadu Principal: AMK & SDM MMY, Bysona

Phone 9686166750 Abysoler Committle Or D. S. Guru, University of Mysole Dr. P.S. Marenash, Guibarga University Dr. S. Murali, M.T. Morora Dr. B.V. Dandra, Symbicsa, Putre Dr. R. Ramar, Phrunslavelli

CORVENER Smt. R. S. Sukrutha Assistant Professor & Head Department of Computer Science Phone: 9700192418 Email: subruthe Psdrimmkmysore w

EO-CONVENER Smt. Ramya S.R. Assistant Professor

Department of Computer Science Phone: 998654997g Email: company administration

### DAE Succession Union

SDM Educational Security Uppe is a premier non-profit Educational Organization functioning under the sacred segis of Stree Körktis Diaronations. Under the sake guidance of the distinguished President Patina Vietustione vardee Dr.D.Veerendra Heggade, SDA Educational Society speatheads more than 50 premier academic and professional industriations spread across Kernataka. Establishments that esents the best of traditional expertise and contemporary excellence from the base of studies in subjects ranging from Medicine, Engineering, Law, Social Science, Management, hy and Avunyde

### MMK & SDM Mathila Mathavidyalaya

initially the College was established m the year 1990 by Mysore Makkala Koota and then the College has been taken over by Shree Dharmanthala Manjunatheshwara Educational Society#: Upire in 1992. The Institution has been striving to attam all round excellence and quality education to get students of all strate of society its vision is to create an integrated system that meets the higher educational needs and scientific temperament of the region and success, As a part of this massion, the Department of Computer Science of the College is organizing a Dre Day National Seminar



DEGANIZING SECRETARY Smt. Rajitha V Department of Computer Science Phone. 99025919(12)

TECHNICAL SESSION INCHARGE m G Kave Smt. Noyana M.P.

Department of Computer Science EXECUTIVE MEMBERS

ENCORPTENDENS Smc G. R. Sumithra Department of Electronics & Coordinator, IQAC Smt. N. Bharathn Department of Angels Department of Angels Department of Chervathy Smt. N. Shipa Devartment of Chervathy Smt. Wethrow Rapto Department of Dichematry Der C. R. Sunit Rumar Department of Biotechnology Ma. R. Cayabre Department of Biotechnology Ma. R. Cayabre Department of Mathematics

ORGANIZING CONMITTEE Ms. Shashikala R Ms. Kavya R Department of Computer Science

About Mutor

Statute

FOR CORRESPONDENCE

PRINCIPAL MMK'E SOM MAHILA MAHAVIDYALAYA KRISHNAMURTHYPURAM, JLE ROAD, MYSUBU KARNATARA, 570004 0821-2332865 Email: principal@sdmmmkmysore.in www.sdmmmkmysore.in

Mysore popularly known as Hermage City is one of the largest districts in Harna taxa and is 140 kin from Bangalore, the State Capital, Mysere is the cultural capital of the kamataka State which has many

Capital of the Kanataba State which has early Heritage Monuments, Educational, Commercial and Automative Centres. The city with the inspirite Mytore Palsee, the Royal Manataw, Puelle Buildong, Chamonds Hall, Erindavan Garden, Water Bodies

attracts the people from all over the World. Schlangapatha, Rangenathritik Bod Sanctuary. Natijangad, Stivanasamudra Fails, Talakadu, Binger

Hangencal antivinsembar hairs takeadu, Binger Rangencal Hitle, Somansthaputa Temple, Halebeedu Belica Temple, Stravanatelagolalatic are someon the tournity attractions around Mysere City. The host College is situated as the heart of the only and is in the

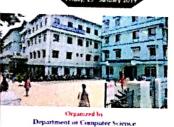
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Determinent of Comparise Sciences. The Department of Comparise Science cannot intro encourse in 1997, so other Comparise Science is subject as one of the optional subjects in the 8, to compare the second science of the Comparise sciences to the Science Science and the Dispatchers in the Science is the Science Science and the Dispatchers in the Science is the Science Science and the Dispatchers in the Science is the Science Science and the Dispatchers in the Science is the Science Science and the Dispatchers in the Science is the Science Science and the Science is the science is and in the Science Science is and the Science is and interest families To enable the science is share bands interest families To enable the science is subject the band of the Science is and science is and interest of working of Companies is an inclusive to band the science is and and science is and inductionistic are presented constantly to enhance the inductionist are presented constantly to enhance the inductionistic are presented constantly to enhance the inductionistic are presented constantly to enhance the

are organized constantly to enhance the Fitudents and teachers

"Data Science" Friday, 25" January 2019

MMK & SOM MAHILA MAHAVIDYALAYA



3 Internal Quality Assurance Cell

the Department also publishes Bi Annual News lette The Department also auditides to Annual News letter Gir Taki. The Department also organized computer Awareness Programme for nearby Government high studies Oldkreit every year in the Gollage. The College also encourages the students for meetinging and placement activity with an eaclastice placement cells.

The forebase Data Science in the processing of the large calumetrizing and serve structured data. It is far vertices food, align them is working in a result of a paid to structure reliables patterns to conclude. After collecting and processing the read data from the machine transmission loads ze the data ce the field

of the seminar is to kn which involves bears d analytical basis and a

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Registration Registration is open to all Academicians, Received Scholars and Post Graduate students. Registration timings 9,30am to 10,00am.

### Academicians / Industrialists RL 400 Reliearch Scholars /Post Graduate Students Rs 200

Accommodation Delegates are requisited to make their own arrangements for their star However, such arrangements will be mane on advance request and payment.

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The Department of Computer Science in association with Internal Quality Assurance Cell(IQAC) of the College had organized One Day National Seminar on the theme "Data Science" on 25th January 2019.

The objective of the seminar is to share knowledge among participants, orient teachers and motivate them to take up research work on Data Science. Thus to provide a forum for the exchange of views through the presentations and discussions.

Prof.Dr.G.Hemantha Kumar, Honourable Vice Chancellor, University Of Mysore, Mysore inaugurated the seminar.

Dr. B. Yashovarma, SDM Education Society, Ujire presided over the Function. Dr.P.S.Hiremath, Professor of Computer Science, KLE Technological University, BVBCET, Hubli was the Chief Guest and Keynote speaker.

**Prof.Sainath** Malligemadu, Principal welcomed the gathering, Smt.K.S.Sukrutha, Convener and HOD of Computer Science delivered Vote of thanks.

After the Inauguration, Keynote Address was given by Dr. P.S.Hiremath. Technical Sessions on the topic Feature Engineering by Dr.Veerabadrappa, Associate Professor & Head, Department of Computer Science, University College, Mangalore and on the topic Autonomous Driving by Dr.Naveen **Onkarappa**, Principal Engineer, Haarman International Pvt. Ltd, Bengaluru were delivered.

A total of 61 participants were present including Faculty Members of other Colleges, Post Graduation Students and Research Scholars.

The seminar induced knowledgeon complex and advanced analytical tools and algorithms used in Data Science for processing, analyzing and drawing meaningful insights out of raw datawhich leads in taking major decisions in all fields.

PRINCIPAL MMK & SDM Mahila Mahavidyalaya

Krishnamurthypuram, Mysore-570 004

### Newspaper Clippings of Seminar on Data Science published in various local newspapers







