FACULTY PROFILE

Name	Dr.Bonu Satish Kumar	
Department	Computer Science	
Designation	Lecturer	
Date of Appointment	27-08-2021	
Date of Birth	19-07-1979	
Contact Number	9985020936	
Email Id	vsp.satish@gmail.com	Photo

Academic qualifications:

Qualification	Name of the University	Year of passing
Ph. D	Andhra University	2023
M.SC/M.A/M.COM	MTech	2011
Other Qualifications (NET/SET etc.), if Any	MCA	2003
	NET	2012
	SET	2012

Experience Details:

Designation	Name of the Institution, Place	From	To
Assistant Professor	S.V.A. Government College, Srikalahasti	27th August 2021	Till date
Associate Professor	LENDI COLLEGE	2017	2020
Assistant Professor	GITAM UNIVERSITY	2016	2016
Assistant Professor	RAGHU ENGINEERING COLLEGE VISAKHAPATNAM	20012-2016 & 2020-2021	
ASSISTANT PROFESSOR	VITAM COLLEGE VISAKHAPATNAM	2009	2012
TEACHING ASSOCIATE	ANDHRA UNIVERSITY	2004	2007

Total Teaching Experience: P.G Classes: __18___Years

U.G Classes: ____18___Years.

Research Experience Including Years spent in M.Phil/Ph.D:11 years

Fields of Specialization under the subject/Discipline: Computer science

a.Wireless Networks

b.Soft Computing

List of research Publications/Books:

Title of the Paper	Journal	Year of Publishing	UGC CARE/SCI/SCOPUS etc.
Performance analysis of Prophet Routing Protocol of Delay Tolerant Networking under Random Mobility Model	The Journal of Computational Science Engineering,	2024	Open access free journal
Enhancing Spam Detection: Leveraging Deep Convolution Neural Networks and Transfer Learning for Image-Based Spam Identification	The Journal of Computational Science Engineering,	2024	Open access free journal
Advancements in Energy-Efficient Virtual Machine Placement Survey for Cloud Computing" The Journal of Computational Science and Engineering	The Journal of Computational Science Engineering,	2023	Open access free journal
Application of Machine Learning to Enhance the Performance of the PRoPHET Routing Protocol for Delay Tolerant Networks	Journal For Basic Sciences	2023	UGC CARE
Performance Analysis of PROPHET Routing Protocol in Delay Tolerant Network with Parameter Dynamic Values	Science, Technology and Development	2023	UGC CARE
Performance Analysis of Prophet Routing Protocol in Delay Tolerant Network by Using Machine Learning Models	IJACSA	2023	**Web of Science**
Soft Computing approach to enhance the Performance of AODV (Ad-hoc On-Demand Distance Vector) Routing Protocol using Active Route TimeOut (ART) Parameter MANETs	Turkish Journal of Computer and Mathematics Education	2021	**SCOPUS**
A secured data sharing protocol for minimization of risk in cloud computing and big data	NVEO	2021	**SCOPUS**
Performance Analysis of DYMO and LAR in Grid and Random Environments	JOURNAL OF CRITICAL REVIEWS	2020	**SCOPUS**
A SURVEY ON ROUTING PROTOCOLS IN DELAY-TOLERANT NETWORKS	JOURNAL OF CRITICAL REVIEWS	2020	**SCOPUS**
Design and Development of a secure data transfer system in LiFi	IJEAT	2020	**SCOPUS**
Fuzzy Logic-based alert on Cochliobolus Miyabeanus to control the rice crop loss	IJEAT	2020	**SCOPUS**
Design and Development of Efficient Water Management for Agriculture using IoT and Fuzzy Logic	IJITEE	2020	**SCOPUS**

CLIENT-BASED SECURITY IMPROVEMENT FOR USING IDENTICAL IP ANALYSIS AND REDUCE PHISHING ATTACKS IN CYBER SECURITY THING	GJESR	2018	UGC CARE
Performance Analysis of LAR and Fisheye Routing Protocols in Different Environments	IJCSE	2018	UGC CARE
PERFORMANCE ANALYSIS OF DSR AND FSR ROUTING PROTOCOLS IN MANETS UNDER RANDOM PLACEMENT ENVIRONMENT	IJARSE	2018	UGC CARE
FUZZY-BASED TRANSMISSION POWER TO ENHANCE THE PERFORMANCE OF AODV, DSR AND TORA ROUTING PROTOCOLS IN MANETS	IJARSE	2018	UGC CARE
FUZZY BASED NODE TRAVERSAL TIME AODV FOR IMPROVING THE PERFORMANCE IN MANETs	IJARSE	2016	GOOGLE SCHOLAR INDESXED
An Application for Providing Primary Maternity HealthCare Services in Developing Countries	IJRCSE	2014	GOOGLE SCHOLAR INDEXED
Text Steganography with Multilevel shielding	**IJCSE**	2013	UGC CARE
Books published			
Chapter No: 25, Chapter DOI. 10.1007/978-981-15-0947-6_25, Book, Embedded Systems and Artificial Intelligence, Springer.An Operative Overcrowding and Energy Efficient Regulating Scheme for MANET with Comparative Traffic Link Vector Routing			

List of Projects Completed:

Title of the Project	Sponsoring Agency	Major/Minor	Total Grant Received	Year of Completion

List of OC/RC/TOTs/FDP/MOOCS/ARPIT Attended:

Title of the course	Type of the Course (FDP/RC Etc.)	Duration	Organized by
A 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education	Orientation Programme	4-Week	19 November - 18 December, 2021 by Ramanujan College University of Delhi

S.V.A. Govt. College (M), Srikalahasti
Accredited by NAAC with B+ grade
Affiliated to S.V. University, Tirupati

A 1-Week Induction /Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	Orientation Programme	1-Week	conducted by Commissionerate of collegiate education of Andhra Pradesh from 30 June - 03 July, 2022 Yogi Vemana University, kadapa
A 5 Day training Programme for Teachers Teaching on IOT "Faculty in Universities/Colleges/Institutes of Higher Education"	FDP	5-Day	conducted by Commissionerate of collegiate education of Andhra Pradesh from 22 July - 26 July, 2022 Yogi Vemana University, kadapa
A 1 week WORKSHOP ON TOOLS AND TECHNIQUES IN RESEARCH METHODOLOGY AND PRACTICES "(WSRM: VIET 2022).held	FDP	1-Week	during 20-26 Sept. 2022 at our VIET, Vizag
1-day NEP2020 Faculty Development Program	FDP	1-DAY	conducted by Commissionerate of collegiate education of Andhra Pradesh ON20-10-2023 Dr.V.S.Krishna College VSKP.
a Faculty development program on NLP, COMPUTER VISION AND AI	FDP	1-Week	organized by ANDHRA PRADESH State Skill Development Corporation (APSSDC) in collaboration with ExcelR Edtech Pvt—Ltd from 4th Dec to 8th Dec 2023.
30 hours of online facilitator Training program on AIFluency, Digital Productivity. and Employability	Online facilitator Training program	30 hours	skills offered by Microsoft in collaboration with Andhra Pradesh Information Technology Academy under Microsoft Diversity Skilling Program with implementation partner Infispark Foundation from 18-12-2023 to 22-12-2023
A 1-Day Workshop on "Unlocking Excellence a research paper writing "	Workshop	1-Day	Organized SVA GDC SKHT Department of Computers collaboration with TJCSE journal 3rd Jan 2024

ONE WEEK INTERNSHIP ON MOBILE APPLICATION DEVELOPMENT USING	ONE WEEK INTERNSHIP	1- Week	FLUTTER organized by Dr.Pallamsetti INNOVATIONS VISAKHAPATNAM ANDHRA 8th Jan to Jan 13th 2023.
ONE DAY UNESCO MGIEP courses seek and sel non-residential training of trainers programme(TOT)	TOT	1-Day	organized by NodalResourceCentre GDC NAGARI on 24-01-2024. After completing the course, I obtained both course certificates.
.ONE WEEK INTERNSHIP ON GOOGLE CLOUD PLATFORM			organized by Dr.Pallamsetti INNOVATIONS VISAKHAPATNAM ANDHRA 23rd Jan to Jan 27th 2023
One Week Faculty Development Programme on Generative AI.	National Faculty Development Program	1-Week	**orgranized by the Department of Electronics and Telecommunication ,DY PATIL COLLEGE OF ENGINEERING ,AKURDI,PUNE with PANTECH E LEARING conducted on 04 March to 09 March through online mode successfully**
One Week Faculty Development Programme on Generative AI.	National Faculty Development Program	1-Week	**orgranized by the Department of Electronics and Telecommunication ,DY PATIL COLLEGE OF ENGINEERING ,AKURDI,PUNE with PANTECH E LEARING conducted on 04 March to 09 March through online mode successfully**
NEP 2020 orientation and sensitization programme under the Malaviya mission teacher training programme(mm-ttp) of the University GRANTS Commission.	orientation and sensitization programme	1-Week	organized BY CENTRAL UNIVERSITY OF PUNJAB BATHINDA FROM 18TH DECEMBER TO 27TH DECEMBER.QUALIFIED EXAM IN 1ST APRIL 2024
One Day International Lecturer, SVA Webinar on "Recent Advances in Nanotechnology"	Webinar	1-Day	organized by the Department of Physics in collaboration with IQAC, Government

			Degree College (Women), Srikalahasti on April 03, 2024
One Week Online National Faculty Development Program on "Data Visualization Using Tableau".	National Faculty Development Program	1-Week	conducted from 1st to 5th April 2024, organized by the Department of Computer Science and Engineering Mohan Babu University Tirupati, Andhra Pradesh &EXCELR Pvt. Ltd
A 1-Day FDP ON Digital logic design subject	Workshop	1-Day	Annamacharya college of engineering and technology karakambadi tirupati on 08-04-2024.

Co-Curricular, Extension and Professional Development Related Activities:

S.No	Name of the Activity	Details
1	**Student-related Co-Curricular, extension and field-based activities (such as extension work through NSS/NCC and other channels, Cultural activities, subject-related events and counselling.**	1.Digital logic design subject knowledge transfer to the students from the college teaching staff aT annamacharya college of engineering and technology karakambadi tirupati on 08-04-2024.ibsc computers (honours), bsc maths(honours) and bcom(computer application) students participated along with computer science incharge dr.bonu satish kumar 2. Cyber security awareness program organized by the central government named "cyber hygiene" on 03-04-2024 at the college skill development lab ground floor.STAFF AND BSC STUDENTS, BCOM, AND BA STUDENTS)(FIRST AND SECOND YEAR) PARTICIPATED. 3. **Dr B.Satish Kumar, Single Point Of Contact APSSDC ,Lecturer in Computer Science Department, under my SPOC for SVA Government Degree College successfully completed 30 hours of online facilitator Training program on Campus Recruitment and Training by APSSDC Andhra Pradesh from 06-02-2024 to 22-02-2024.On 23-02-2024 sixty students from all groups in the college have been successfully written the final exam**. 4. I went on a field trip at Annamacharya Institute of Technology and Management Science Tirupati for training or enhancing learning of IoT (Internet of Technology)subject knowledge with hands-on experience. Knowledge was shared by the faculty member from Annamacharya Institute of Technology and Management Science Tirupati on

		14-12-2023 with computer science lecturer Dr. B. Satish Kumar SVA GOVERNMENT DEGREE COLLEGE SRIKALAHASTI.
		5.CERTIFICATE OF COMPLETION This is to certify that PRIYANKA PANWAR from Andhra Pradesh State Skill Development Corporation has successfully completed 21st Century Employability Skills Program- Intermediate on January 4, 2024.
		6.Participated in Blood Donation camp conducted by Indian Red Cross Society on 23-2-2024 with students.
		7. Organized and conducted a 2 week CERTIFICATE COURSE COMPUTER FUNDAMENTALS AND C Programming for students ,inaugurated on 1-08-2023.
		8. Drugs free CAMPAIGN counseling conducted on 5-JAN-202 4. 9. skill Building initiative training for 2nd and 3rd year students started on 08-12-22,by COCO COLA magamement .For this ,B.Com,B.Sc students (30) attended offline training from 3 to 5 p.m.Dr.B.SatishKumar has been attended with trainers in this session 9 Organized Student seminar for final year students on 11-12-23.
		9.Organized Student seminar for first year students on 28-11-23 and organized industry orientation program with Resource person Vinay Software engineer.
		II MPCS Student counseling conducted on 17-nov-2023 for career guidance.
		10.Presented Topic Cirricular,Co Cirricular and Extra Cirricular activities in Induction Program for 1st year Students on 18.8.23.
		11.Visited Kalamkari arts with short term internship students on 02-08-23 and 08-08-23.
		12.Motivated to the students to have participated in ScienceDay PROGRAMME OB 28-2-24
2	**Contributed to corporate life and management of the department, participated in academic and administrative committees and responsibilities, and participated in professional Development.**	1. Orgainized a one-day workshop With Collabortion OF Ttjcse Journal Focused on research methodologies and best practices. The event aims to provide participants with practical insights and tools to enhance their research capabilities on 3rd JAN 2024
		2. Cyber security awareness program organized by the central government named "cyber hygiene" on 03-04-2024 at the college skill development lab ground floor.STAFF AND BSC STUDENTS, BCOM, AND BA STUDENTS)(FIRST AND SECOND YEAR) PARTICIPATED ALONG WITH COMPUTER SCIENCE

		IN CHARGE DR.BONU SATISH KUMAR
		3. Dr B.Satish Kumar, Single Point Of Contact APSSDC ,Lecturer in Computer Science Department, under my SPOC for SVA Government Degree College successfully completed 30 hours of online facilitator Training program on Campus Recruitment and Training by APSSDC Andhra Pradesh from 06-02-2024 to 22-02-2024.On 23-02-2024 sixty students from all groups in the college have been successfully written the final exam.
		4, . DR.Bonu Satish Kumar Lecturer in Computer Science Department Organized One day FDP COURSE ON Mastering Research Paper Writing Co-ordination Dr A.Shanmukh Srinivas Assistant Professor GITAM University ,Visakhapatnam on 03-02-2024
		5. . Dr B.Satish Kumar, Lecturer in Computer Science Department, with his help the following faculty of SVA Government degree college succes completed online facilitator Training program on AIFluency, Digital Productivity. and Employability skills offered by Microsoft in collaboration with Andhra Pradesh Information Technology Academy under Microsoft Diversity Skilling Program with implementation partner Infispark Foundation from 18-12-2023 to 22-12-2023.
		5. I went on a field trip at Annamacharya Institute of Technology and Management Science Tirupati for training or enhancing learning of IoT (Internet of Technology)subject knowledge with hands-on experience. Knowledge was shared by the faculty member from Annamacharya Institute of Technology and Management Science Tirupati on 14-12-2023 with computer science lecturer Dr. B. Satish Kumar SVA GOVERNMENT DEGREE COLLEGE SRIKALAHASTI.
		6. This is to certify that PRIYANKA PANWAR from Andhra Pradesh State Skill Development Corporation has successfully completed 21st Century Employability Skills Program-Intermediate on January 4, 2024.
		7. Organized and conducted a 2 week CERTIFICATE COURSE COMPUTER FUNDAMENTALS AND C Programming for students ,inaugurated on 1-08-2023.
		8.Involved in MoUs between SVA GDC SKHT with ExcelR Solutions, APPGenesis, SVUniversity CSE Department, Annamacharya Colleges,JCSE journal.
		9. Presented Topic Cirricular,Co Cirricular and Extra Cirricular activities in Induction Program for 1st year Students on 18.8.23.
		10.Visited Kalamkari arts with short term internship students on 03-08-23
		11.Paricipated NEP2020 at Dr.VSkrishna College vskp(Autonomous) on 20-10-204
		12.Acted as one of the coordinator for Science Day Programme on 28-02-24

Awards/ Achievements: Please give details of any other credentials, significant contributions, and awards received:

S.No	Name of the Award/Achievement	Date of Receiving
1	Microsoft AWS certificate with 88 percentage	2022
2	Ph.D.Awarded	2023