

FACULTY PROFILE

Name- Dr Debasis Das	
Department- Computer Science	
Designation- Assistant Professor	
Email ID- debasisdas22583@gmail.com	

Educational Qualifications			
Qualification	Course	University	Year
Undergraduate	B.Sc. (H)	Vidyasagar University	2004
Post-Graduate	M.Sc.	RTM Nagpur University	2006
M. Phil.			
Ph. D.	Computer Science	RTM Nagpur University	2015
Any Other	MCA	Punjab Technical University	2011
	MBA	Vinayak Mission University	2012

Career Profile		
Teaching Experience in Years	Area of Specialization	Courses and Subject Taught
13 years	Strange Number System, Cryptography, Data Compression, Big Data, IoT	Courses: MCA, M.Sc. (CS), BCA, B.Sc.(IT) Subjects: Digital Electronics & Microprocessor, Database Management System, Data Structures, Computer Fundamentals, Statistics, Numerical Methods, Operation Research, Ecommerce, Compiler Construction, Programming in C, Programming in C++, Java Programming, C#, Visual Basic, VB.Net, Python etc.

Research Papers Publications with ISSN / ISBN

Journals (National)	<ol style="list-style-type: none"> 1. Das, Debasis, Ingolikar, R., "m-learning: The Technology to Articulate the Traditional Mobile Interactive Learning Platform with Cloud Computing", Journal of the Instrument Society of India, Volume- 41, No- 2, June 2011.
Journals (International)	<ol style="list-style-type: none"> 1. Das, Debasis, Lanjewar, U. A., "Effects of Smart Phone Usage and its Addiction Among College Students in Nagpur City", International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-5, Dec – Jan, 2020. 2. Das, Debasis, Rodi, Surabhi, "Ternary Digital System: A Latent Talent than the Binary Digital System", IOSR Journal of Engineering (IOSRJEN), Special Issue, PP 40-44, Dec. 2019. 3. Das, Debasis, Rodi, Surabhi, "IOT: Smart Solutions for Smart Cities: Indian Perspective", Compliance Engineering Journal, Volume-10 Issue-12, PP 661-666, Dec. 2019. 4. Das, Debasis, Lanjewar, U. A., "Strange Number System: A New Vista than Traditional Number System", Journal of the Gujarat Research Society, Volume-21 Issue-15, Dec, 2019. 5. Das, Debasis, Lanjewar, U. A., "Textual Data Compression using Octovigesimal Strange Number System", International Journal of Electronics, Communication & Soft Computing Science and Engineering (IJECSSE), Special Issue, Page: 334-339, 2015. 6. Das, Debasis, Lanjewar, U. A., "Design an Algorithm for Data Encryption and Decryption Using Pentaogesimal SNS", International Journal of Computer Trends and Technology (IJCTT), Volume-6, No-2, Page: 84-88, December 2013. 7. Das, Debasis, Lanjewar, U. A. & Sharma, S. J., "The Art of Cryptology: From Ancient Number System to Strange Number System", International Journal of Application or Innovation in Engineering & Management (IJAIEM), Volume-2, No-4, Page: 265-275, April 2013. 8. Das, Debasis, Lanjewar, U. A., "Design an Algorithm for Data Compression using Pentaogesimal SNS", International Journal of Computer Applications (IJCA), Volume-62, No-14, Page: 14-18, January 2013.

	<p>9. Das, Debasis, Lanjewar, U. A., "Strange Number System: An Enhancing Tool for Data Encryption and Decryption", International Journal of Advanced Research in Computer Science (IJARCS), Voume-3, No-2, Page: 167-171, March-April 2012.</p> <p>10. Das, Debasis, Lanjewar, U. A., "Realistic Approach of Strange Number System from Unary to Decimal", International Journal of Computer Technology and Applications (IJCTA), Voume-3, Issue-1, Page: 235-241, Jan-Feb, 2012.</p> <p>11. Das, Debasis, Lanjewar, U. A., "Exploring Strange Number System: Latent Talent to be used in place of Traditional Number System", International Journal of Advances in Science and Technology (IJAST), Voume-3, Issue-1, Page: 102-120, January 2012.</p> <p>12. Das, Debasis, Lanjewar, U. A., "Realistic Approach of Strange Number System from Unodecimal to Vigesimal", International Journal of Computer Science and Telecommunications (IJCST), Voume-3, Issue-1, Page: 11-16, January 2012.</p> <p>13. Das, Debasis, Paul, R. K. & Wankhede, P. M., "Aggregate Interference Avoidance in Cognitive Radio Network", International Conference on "Emerging Trends in Computer Science, Communication and Information Technology", Department of Computer Science, Yeshwant Mahavidyalaya, Nanded, Jan 2010.</p> <p>14. Das, Debasis, Santra, S. & Chakrabarti, P., "Approach towards Determining the Nodes in Dynamic Network", International Conference on "Emerging Trends in Computer Science, Communication and Information Technology", Department of Computer Science, Yeshwant Mahavidyalaya, Nanded, Jan 2010.</p>
Conferences (National)	<p>1. Attended National Conference on Sustainable Development and Environment in the Current Era Organized by Department of Geography, Dhanwate National College, Nagpur on 27th Apr 2020.</p> <p>2. Presented Research Paper, Entitled, "Textual Data Compression using Octovigesimal Strange Number System" in National Conference on Advanced Technologies in Computing & Networking (ATCON-15) Organized by Department of Computer Science and Technology, HVPM, Amravati on 2nd Apr 2015.</p>

	<ol style="list-style-type: none"> 3. Presented Research Paper, Entitled, "Strange Number System: A New Horizon in Computer Number System" in National Conference on Recent Advances in Electronics and Computer Science organized by Science College, Nagpur on 23rd -24th Jan 2014. 4. Presented Research Paper, Entitled, "Strange Number System: A Different Approach than Traditional Number System" in National Conference on Recent Developments in Mathematics, Statistics, Computer Science and Their Applications organized by Dr. Ambedkar College, Nagpur on 2nd -3rd Dec 2011. 5. Presented Research Paper, Entitled, "Current Health Care Scenario in Rural India" in National Conference on "Healthcare in Rural India" organized by IETE, Nagpur on 27th March 2011. 6. Presented Research Paper, Entitled, "m-learning: The technology to articulate the traditional mobile interactive learning platform with cloud computing" in National Symposium on Instrumentation (NSI-35) jointly organized by Instrumentation Society of India, Bangalore and Visvesvaraya Technological University, Belgaum on 7th - 9th Jan 2011. 7. Presented Research Paper, Entitled, "Enhancing Business Value through Microsoft Novell Collaborations" in National Conference on Challenges and Opportunities from Collaborative Competitions organized by Datta Meghe Institute of Management studies, Nagpur on 22nd Jan 2010. 8. Presented Research Paper, Entitled, "Super Resolution Technique in Image Registration" in National Conference on Advanced Technologies In Computing & Networking (ATCON-09) organized by Department of Computer Science and Technology, HVPM, Amravati on 13th -14th Nov 2009.
Conferences (International)	<ol style="list-style-type: none"> 1. Attended International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World" organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020. 2. Presented Paper, Entitled, "Ternary Digital System: A Latent Talent than the Binary Digital System" in International Conference on "Management Practices,

	<p>Innovations and Research MPIR - 19" held at T. G. Patil College of Engineering & Technology, Nagpur, India on 20th – 21st Dec 2019.</p> <ol style="list-style-type: none"> 3. Presented Paper, Entitled, "Strange Number System: A New Vista than Traditional Number System" in International Conference on "Global Conference on Multidisciplinary Research GCMR-2019" held at P. R. Poet (Patil) Education & Welfare Trust's Group of Institutions, College of Engineering & Management, Amravati, India on 7th – 8th Nov 2019. 4. Presented Paper, Entitled, "Strange Number System: Future Aspects" in International Conference on "Medical Informatics – 2016" held at AIIMS, Bhubaneswar, India on 26th– 28th Feb 2016. 5. Presented Paper, Entitled, "Emerging Trends of Big Data in Tackling Healthcare Issues" in International Conference on "Medical Informatics – 2016" held at AIIMS, Bhubaneswar, India on 26th– 28th Feb 2016. 6. Presented Paper, Entitled, "Use of Data Storage Techniques in Big Data" in International Conference on "Medical Informatics – 2016" held at AIIMS, Bhubaneswar, India on 26th– 28th Feb 2016. 7. Presented Paper, Entitled, "Application of Self Organizing Map using Matlab" in International Conference on "Medical Informatics – 2016" held at AIIMS, Bhubaneswar, India on 26th– 28th Feb 2016. 8. Presented Poster, Entitled, "An Analysis on Uses of M-Commerce Services in Nagpur City" in International Conference on "Emerging Trends in Computer Science, Communication and Information Technology" held in the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded on 9th -11th Jan, 2010. 9. Presented Poster, Entitled, "Aggregate Interference Avoidance in Cognitive Radio Network" in International Conference on "Emerging Trends in Computer Science, Communication and Information Technology" held in the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded on 9th -11th Jan, 2010. 10. Presented Poster, Entitled, "Approach towards Determining the Nodes in Dynamic Network" in International Conference on "Emerging Trends in Computer Science,
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	Communication and Information Technology” held in the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded on 9th -11th Jan, 2010.
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Book/ Chapter Written or Edited				
Name of Book	Publisher	National/ International	ISBN/ ISSN Number	Year of Publication
Management Information System and Software Engineering	Central Techno Publication, Nagpur	National	818917827	2015
Linux Operating System	Central Techno Publication, Nagpur	National	818917826	2015
Fundamentals of Database Management System	Central Techno Publication, Nagpur	National	818917891	2015
Visual Basic Programming	Central Techno Publication, Nagpur	National	818917843	2015
C Programming	Sai Age Publication, Nagpur	National	978-93-86011-11-4	2016
Programming in C++	Sai Age Publication, Nagpur	National	978-93-86011-84-8	2016
Strange Number System: Concepts & Applications	Lambert Academic Publishing, USA	International	978-620-2-66698-5	2020
Fundamentals of Digital Electronics & Microprocessor	Lambert Academic Publishing, USA	International	978-620-2-66753-1	2020

Details of Invited as Resource Person			
Event	Organizer	Topic	Date
Faculty Improvement programme	Prerna college of commerce, Nagpur	Stress Management	13 th May, 2020
Guest Lecture	Hislop College, Nagpur	Technical Aspects of Writing a Project Report	16 th Jan, 2018
Refresher Course	Utkal University, Bhubaneswar	Strange Number System: A New Horizon of Computer Number System	7 th – 10 th Sept, 2017
Guest Lecture	Hislop College, Nagpur	Step by step procedure to develop a Project	30 th Jan, 2017

Guest Lecture	R. S. Mundle College, Nagpur	Project Development: From Concept to Construction: Steps to Developing a Software Project	26 th Nov 2016
Guest Lecture	Atlanta College, Nagpur	How to solve University Question Paper?"	25 th Nov 2016

Details of Invited as Judge

Invited as a Judge for the Inter-Collegiate 'Web Page Designing' Competition under organized by Tirpude College, Nagpur on 14th Sept, 2019.

Invited as a Judge for 'Eklavya: A Paper Presentation Event' organized by RnR DataLex Pvt. Ltd., Nagpur on 28th Sept, 2018.

Invited as a Judge for the Inter-Collegiate Project Competition organized by G. S. Commerce College, Nagpur on 10th Feb, 2016.

Details of Event Organized

Event	National/ International	Topic	Date
Worked as a Program Coordinator of One Day National Webinar organized by Department of Computer Science & Department of Computer Application of Perna College of Commerce, Nagpur	National	Information & Cyber Security : Past, Present & Future	15 th June, 2020
Worked as a Program Coordinator of 10 Day Online Faculty Improvement Programme organized by Perna College of Commerce, Nagpur	National	With Focus on Developing Teachers' Overall Personality	11 th – 20 th May, 2020
Worked as a Program Coordinator of National Webinar organized by Perna College of Commerce, Nagpur	National	"Higher Education Scenario in India while Living with Covid-19 in the Years to Come"	1 st & 2 nd May, 2020
Worked as a Organizing Secretary of "Prayas-A National Level Technical &	National	"Prayas-A National Level Technical & Cultural Contest"	14 th & 15 th Oct, 2016

Cultural Contest” organized by Institute of Computer Studies & Research, VMV Commerce, JMT Arts & JJP Science College, Nagpur – 08.			
Worked as an Organizing Secretary of “Prayas-A National Level Techno Contest” organized by Institute of Computer Studies & Research, VMV Com, JMT Arts & JJP Science College, Nagpur 08.	National	“Prayas-A National Level Techno Contest”	7 th Oct, 2015
Worked as a Convener of “Prayas-A State Level Paper & Poster Presentation Contest” organized by MCA Department, VMV Commerce, JMT Arts & JJP Science College, Nagpur – 08.	State	“Prayas-A State Level Paper & Poster Presentation Contest”	18 th Oct, 2014
Worked as a Convener of “Prayas-A University Level Paper Presentation Contest” organized by MCA Department, VMV Commerce, JMT Arts & JJP Science College, Nagpur – 08.	University	“Prayas-A University Level Paper Presentation Contest”	18 th Jan, 2014

Staff Development Programmes: Attended and Organised	
Refresher Courses/ Orientation Programmes	Nil
HRD Programmes	Nil
UGC – Faculty Improvement Programmes	1. Attended an 8 days UGC Sponsored workshop on “Emerging Technological Trends in Research, Teaching and Learning Process” organized at VMV Commerce, JMT Arts & JJP Science College, Nagpur on 3rd – 10th Mar 2014.
Courses/ Training done by faculty	1. Attended a Workshop on “Intellectual

<p>from other university or other institutions</p>	<p>Property Rights” organized by SFS College, Nagpur on 30th Nov, 2018.</p> <ol style="list-style-type: none"> 2. Attended One Day Inter-disciplinary National Symposium on “Application of Forensic Sciences, Cyber Security & Forensic Accounting for Prevention & Investigation of Crime” organized by Gujrat Forensic Sciences University and Kamla Nehru Mahavidyalaya, Nagpur on 28th March, 2018. 3. Attended National Seminar on “Syllabus Orientation Programme” organized by Kamla Nehru Mahavidyalaya, Nagpur on 6th September, 2016. 4. Attended National Seminar on “NAAC Re Assessment: A Time for Institutional Introspection” organized by Kamla Nehru Mahavidyalaya, Nagpur on 5th March, 2016. 5. Attended a workshop on “Research Meet 2013” at Jawaharlal Darda Institute of Engineering and Technology, Yavatmal on 27th April, 2013. 6. Attend a National Workshop on “Wireless Sensor Network Applications for Environmental Monitoring” at Andhra University, Visakhapatnam, Andhra Pradesh on 25th–26th March, 2013. 7. Attended a workshop on “Research Methodology” at Tulsiramji Gaikwad Patil College of Engg. & Technology, Mohgaon, Nagpur on 10th-11th August, 2012. 8. Completed Microsoft Certificate Course on ‘VB.NET’ on 2006.
<p>FDP/FIP Attended</p>	<ol style="list-style-type: none"> 1. Attended a 10 Day Online Faculty Improvement Program on “Developing Teachers’ Overall Personality” organized by Prerna College of Commerce, Nagpur from 11th May to 20th May, 2020. 2. Attended a One Week Online Faculty Development Program on “ICT Tools for

	<p>Effective Teaching Learning” organized by Swami Ramanand Teerth Marathwada University, Nanded from 11th May to 16th May, 2020.</p> <ol style="list-style-type: none"> 3. Attended a Seven Day Online Faculty Development Program on “NAAC Awareness Programme for Faculty” organized by Marathwada Mitra Mandal Institute of Technology, Pune from 8th May to 14th May, 2020. 4. Attended a One Week Online Faculty Development Program on “Overcoming the Challenges in Adapting Online Technology in Teaching Learning” organized by Jhulelal Institute of Technology, Pune from 6th May to 11th May, 2020. 5. Attended a Five Day Online Faculty Development Program on “Linux” organized by Pramukh Swami Science & H D Patel Arts College, Kadi (Gujarat) in association with Spoken Tutorial, IIT Bombay during May 01-May 05, 2020. 6. Attended an Online Faculty Development Program on “Introduction to Computers” organized by Sardar Patel Mahavidyalaya, Chandrapur in association with Spoken Tutorial, IIT Bombay from 23rd April to 25th April, 2020. 7. Attended a Faculty Development program on “NAAC, SSR & Academic & Administrative Audit” organized by S. S. Maniar College of Computer & Management, Nagpur on 15th Dec, 2018. 8. Attended State Level Faculty Development Programme on “Server Virtualization and Wireless Technology” organized by Dr. BNCPE, Yavatmal and MAMI on 21st -22nd November 2009. 9. Attended State Level Faculty Development Programme organized by VMV Commerce, JMT Arts & JJP Science College, Nagpur and MAMI on 3-4 January 2009.
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	10. Attended State Level Faculty Development Programme on "Software Testing" organized by SIMCA, Pune and MAMI on 21st -22nd November 2008.
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Participation in Curriculum Committees (such as University Committees, Board)

Session	Details
2018 - 2019	Worked as a Local Enquiry Member (LEC) of LRTM Nagpur University.
5 th August, 2017	Worked as a Head of Selection Committee Meeting at MCA Department
2016-17	Worked as a member for Restructure, Drafting & Making new Schemes of various syllabuses as per the Model Curriculum of UGC and was successfully implemented in their subsequent Years.
2015 - 2019	Worked as University Paper Setter & Valuator for the under-graduate and Post Graduate in the subject of Computer Science, Science Faculty, RTM Nagpur University, Nagpur.
2015 - 2019	Worked as University Paper Setter & Valuator for the under-graduate and Post Graduate in the subject of Computer Application, Commerce Faculty, RTM Nagpur University, Nagpur.
2015 - 2019	Conducted University Practical Examination as an External / Internal Examiner for the under-graduate and Post Graduate in the subject of Computer Science, Science Faculty, RTM Nagpur University, Nagpur.
2015 - 2019	Conducted University Practical Examination as an External / Internal Examiner for the under-graduate and Post Graduate in the subject of Computer Application, Commerce Faculty, RTM Nagpur University, Nagpur.
2015 - 2018	Worked as a Member of Board of Studies in the subject of Information Technology, Science Faculty, Gondwana University, Gadchiroli.
2015 - 2018	Worked as a Member of Moderation Board for the under-graduate and Post Graduate in the subject of Computer Application, Commerce Faculty, RTM Nagpur University, Nagpur.
2007 - 2010	Worked as an Exam Controller to handled IETE Examination for Nagpur Division.
2006 - 2018	Guided around 300 MCA / MCM Students of MCA of RTM Nagpur University for their Projects as a course Curriculum.

Corporate Participation at College Level

1. Working as a Member of IQAC Steering Committee at Prerna College of Commerce, Nagpur.
2. Working as a Criterion Head for NAAC at Prerna College of Commerce, Nagpur.
3. Worked as a Training & Placement Officer at MCA Department, VMV Commerce, JMT Arts & JJP Science College, Wardhaman Nagar, Nagpur – 08.
4. Worked as a Convener of Extra Co-Curricular Activities at MCA Department, VMV Commerce, JMT Arts & JJP Science College, Wardhaman Nagar, Nagpur – 08.

5. Worked as a Convener of Examination Committee of the College to conduct University Practical Examination, College Sessional Examination etc.
6. Worked as a member of Admission & Administration and Extra-curricular activities of MCA Programme.
7. Worked as Co-convener of the AICTE, DTE, PNS, MAMI, SSS, MDD Committee of the MCA Programme.
8. Worked as a member of Academic Committee of MCA Programme.
9. Worked as a Convener of the Sports, Cultural, Fresher's Day, Send-Off Day & Industrial Tour Committee of MCA Program.
10. Appointed as member of Anti Ragging Squad of the College.
11. Organized "Computer Masti – A Summer Computer Training Program" for the schooling students at Vidyaniketan School, Wardhaman Nagar, Nagpur.
12. Conducted Industrial Tours for various Professional Organizations.

Member of Professional Associations / Body

- Member of Board of Studies of Computer Application in the subject of Computer Application of RTM Nagpur University, Nagpur.
- Ex-Member of Board of Studies in the subject of Information Technology, Science Faculty, Gondwana University, Gadchiroli.
- Member of International Computer Science and Engineering Society (ICSSES) Membership ID: #7723.
- Member of International Association of Academic plus Corporate (IAAC) Membership ID: 19IND440010A107.
- Life Time Member of Teaching and Education Research Association (TERA), Eurasia Research. Membership ID: TERA-M192163.
- Member of International Association of Engineers (IAENG). Member Number: 241088.
- Senior Member of the IRED Research Engineers & Doctors. Membership ID: SNM10100059681.
- Member of ISOC India Mumbai Chapter.
- Associate Member of Institution of Electronics and Telecommunication Engineers, IETE, New Delhi (A202271).

Awards

Nil