WELCOMES
NAAC PEER TEAM

Chairman   **Member Co-Ordinator**   **Member**

Department of Computer Science

Introduction of Department
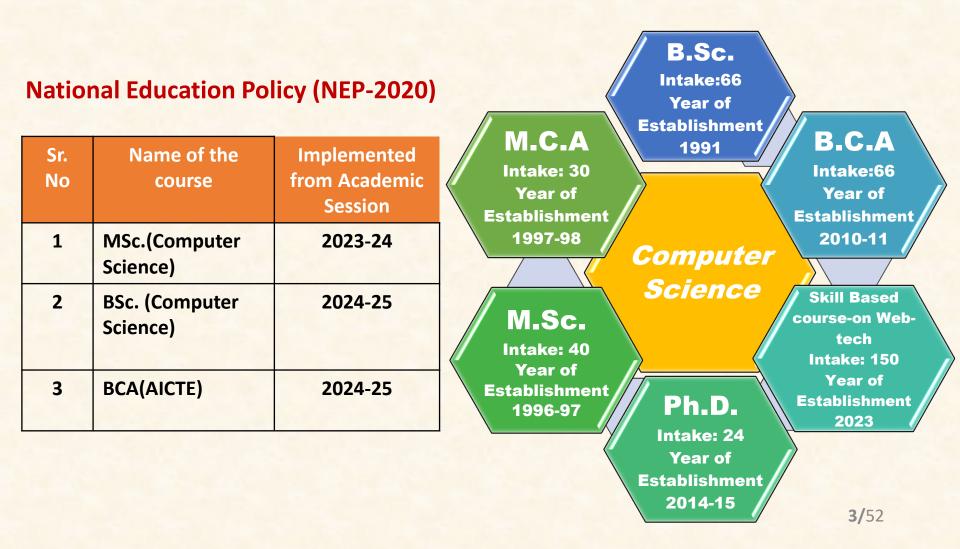
- Department of Computer Science established in 1991.

- Introduced Computer Science as one of the optional subject at B.Sc. Level.

- M.Sc.(Computer Science) was introduced during the session 1996-97.

- Master in Computer Applications (M.C.A.) was introduced in 1997-98.

- Three-year BCA course was started during the session 2010-2011.

- Ph.D. Programmed started in 2014-15.

- Skill Based and Add-on Certificate Course : "Web Technology", "R Programming" , "Deep Learning", "Network Security", "Artificial Intelligence", "Android Programming".

Website Link

National Education Policy (NEP-2020)

Sr. No	Name of the course	Implemented from Academic Session
1	MSc.(Computer Science)	2023-24
2	BSc. (Computer Science)	2024-25
3	BCA(AICTE)	2024-25

Computer Science

B.Sc.
Intake:66
Year of Establishment
1991

B.C.A
Intake:66
Year of Establishment
2010-11

M.C.A
Intake: 30
Year of Establishment
1997-98

M.Sc.
Intake: 40
Year of Establishment
1996-97

Ph.D.
Intake: 24
Year of Establishment
2014-15

Skill Based course-on Web-tech
Intake: 150
Year of Establishment
2023

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE
Congress Nagar, Nagpur-440012 (M.S.) India.
Accredited with CGPA of 3.51 at 'A+' grade.

- A College with Potential for Excellence
- Member of APQN
- Recognized centre for higher learning
- An ISO 21001:2018 Certified Institution
- A Mentor College under UGC Paramarsh Scheme

ACADEMIC CALENDAR
Department of Computer Science
2024-2025

ACADEMIC FIRST SESSION [109 Days]
(Monday 18th June2024 to 28th October 2024)

Day	Activity/ Programme	Department/Committee
27th May onwards	Counselling and online registration process	Admission Committee
JUNE 2024 (11Days)		
20/ 21 June 2024	ChatBot Competition (Hackthon)	Computer Science Department
JULY 2024 (26Days)		
15th July 2024	Guest Lecture on " Cyber Security "	Computer Science Department
24th July 2024	Workshop on Artificial Intelligence	Computer Science Department
31st July 2024	Soft Skill Development/OJT/Entrepreneurship	Computer Science Department

August 2024 (26Days)		
12th August 2024	Industrial Visit to Axiom Pvt Ltd , Nagpur	Computer Science Department
19th August 2024	Honorable Principal Sir address to BCA/M.Sc/MCA students	Computer Science Department
26th August 2024	Bridge Course	Computer Science Department

September 2024 (23Days)		
05st September 2024	Teacher's Day Celebration	Computer Science Department
11th September 2024	Guest Lecture on "Digital Image Processing"	Computer Science Department
13st September 2024	Coding/Debugging Competition on occasion of International Coding Day	Computer Science Department
21th September 2024	Parent Teachers Meeting	Computer Science Department
28th September 2024	Tree Plantation Drive	Computer Science Department

University Examination Odd Semester
(16th October 2024 Onwards)

FirstTermVacations(30Days)
29th October,2024 to28th November ,2024

ACADEMIC SECOND SESSION[119Days]
29th November2024to30th April2025

December 2024 (24 Days)

02th Dec 2024	Guest Lecture on occasion of World Computer Literacy Day	Computer Science Department
20th Dec 2024	Inter Colligate Quiz Competition on ICT	Computer Science Department
24th Dec 2024	Guidance Program on Swayam(NPTEL)	Computer Science Department

January 2025 (25days)		
10th January 2024	Industrial Visit/ Field Visit/Education Tour	Computer Science Department
15th January 2024	Group Discussion	Computer Science Department
20th January 2024	Computer Science Techfeast	Computer Science Department

February 2025 (22Days)		
8th February 2024	Open Campus Placement Drive	Computer Science Department
18th February 2024	Debate Competition on "Shri Shivaji Maharaj Jeevan Gatha"	Computer Science Department
28th February 2024	Project Development Competition on occasion of National Science day	Computer Science Department

March 2025 (24Days)		
08th March 2024	Seminar on "Cyber Security and Threats" on occasion of International Womans Day	Computer Science Department
10th March 2024	Guest Lecture on "Internet of Things"	Computer Science Department

April 2025 (22Days)		
10th April 2024	Short Film on " Dr Punjabrao Deshmukh Biography"	Computer Science Department
23rd April 2024	E-Book Library Presentation on occasion of World book day	Computer Science Department

30th April 2024	Visit to Rashtra Sant Tukdoji Maharaj Memorial on occasion of to Rashtra Sant Tukdoji Maharaj Jayanti	Computer Science Department

EvenSemesterUniversityExamination15th March 2025 Onwards

Second Term Vacation (45Days)
02ndMay 2025 to 16thJune 2025

CommencementofNextSemesterAcademicSession2025-2026
17thJune 2025

Dr. O. S. Deshmukh
Principal
Science College, Nagpur.

Head
Department of Computer Science
Professor & Head
Department of Computer Science
S S E S Amt's Science College,
Congress Nagar Nagpur

Website Link
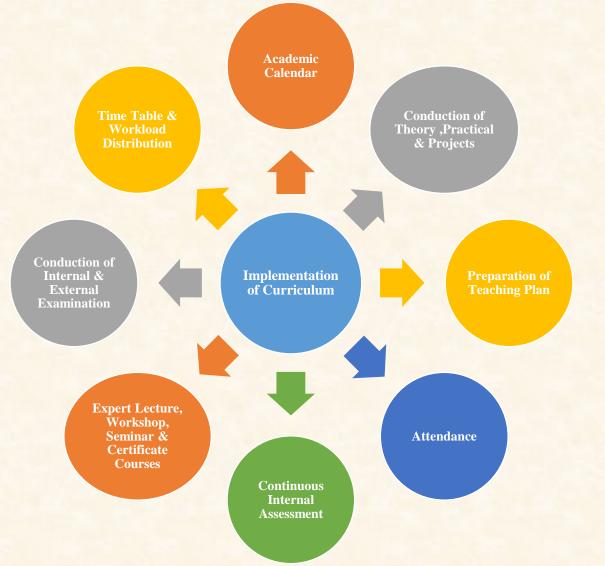
Curricular Aspects

Curriculum Planning and Implementation
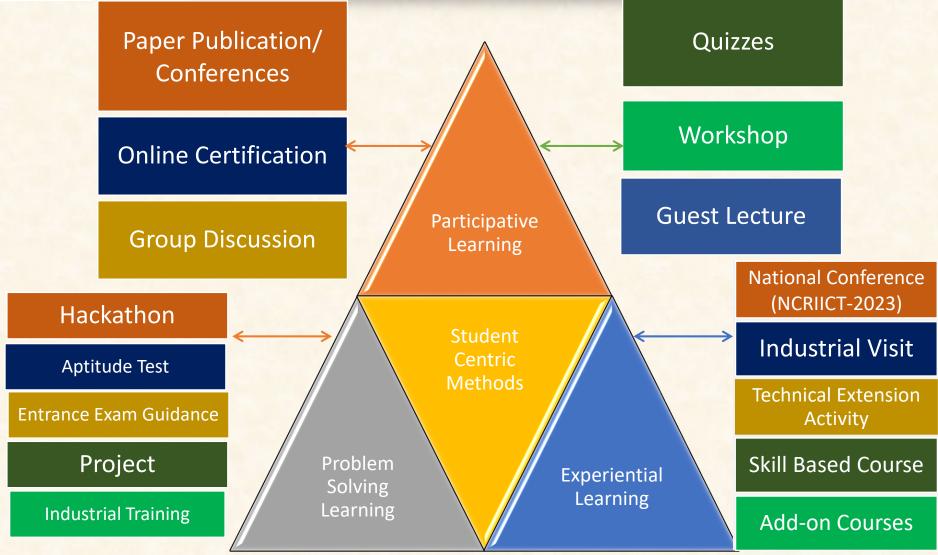
Students Centric Methods

Paper Publication/ Conferences

Online Certification

Group Discussion

Quizzes

Workshop

Guest Lecture

Participative Learning

Student Centric Methods

National Conference (NCRIICT-2023)

Industrial Visit

Technical Extension Activity

Skill Based Course

Add-on Courses

Hackathon

Aptitude Test

Entrance Exam Guidance

Project

Industrial Training

Problem Solving Learning

Experiential Learning

Continuous Internal Evaluation
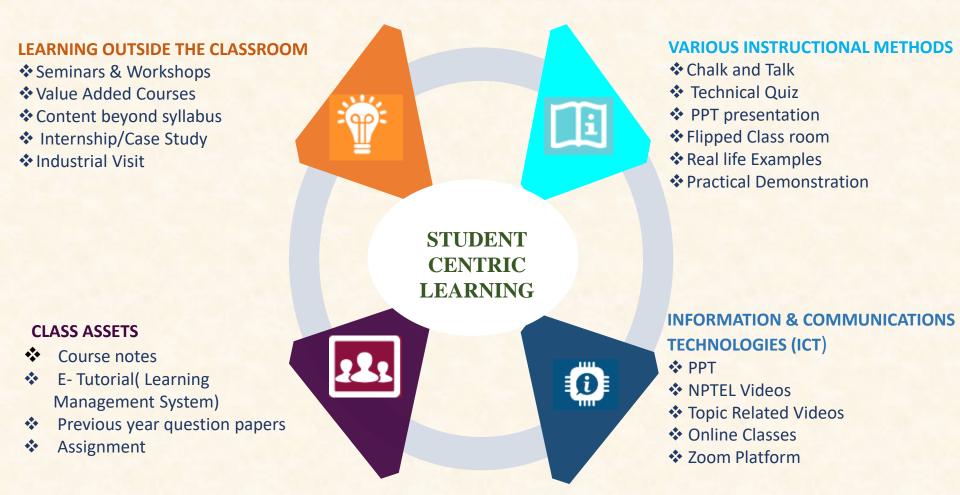
Teaching- Learning Process

LEARNING OUTSIDE THE CLASSROOM
- ❖ Seminars & Workshops
- ❖ Value Added Courses
- ❖ Content beyond syllabus
- ❖ Internship/Case Study
- ❖ Industrial Visit

VARIOUS INSTRUCTIONAL METHODS
- ❖ Chalk and Talk
- ❖ Technical Quiz
- ❖ PPT presentation
- ❖ Flipped Class room
- ❖ Real life Examples
- ❖ Practical Demonstration

STUDENT CENTRIC LEARNING

CLASS ASSETS
- ❖ Course notes
- ❖ E- Tutorial(Learning Management System)
- ❖ Previous year question papers
- ❖ Assignment

INFORMATION & COMMUNICATIONS TECHNOLOGIES (ICT)
- ❖ PPT
- ❖ NPTEL Videos
- ❖ Topic Related Videos
- ❖ Online Classes
- ❖ Zoom Platform

Teaching- Learning Methods

| BEST PRACTICES	GOAL
Question-and Answer Technique	Motivate students for self-study and group study
Minute Paper	Get a immediate feedback about the understanding of the topic which are discussed in the same class/periods.
Think-pair-share	Enhance the overall comprehension of students and allows teachers to present their content in a dynamic way .
Short Cases/Scenarios	Develop skills in interpersonal communication and in expressing views in a clear and concise manner
Brainstorming	improve verbal skills for effective public speaking

online courses
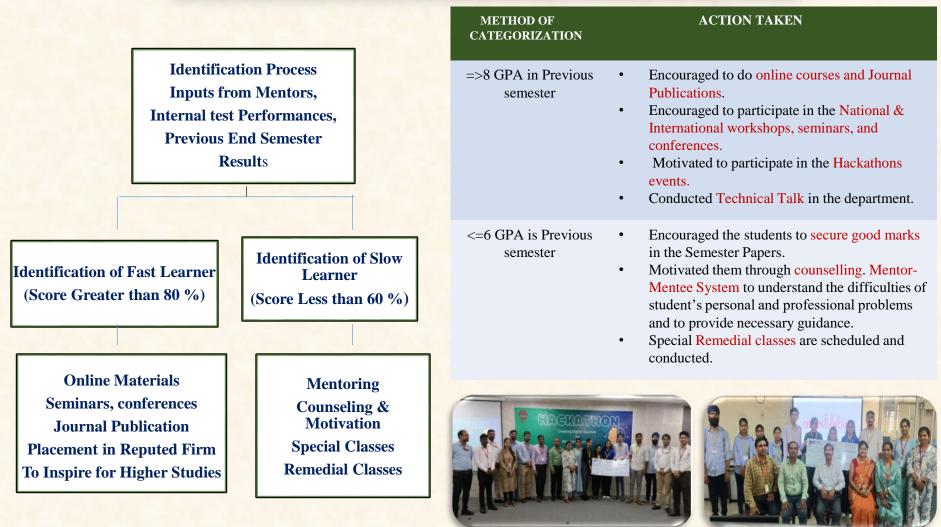
Technical Quiz

Teaching- Learning and Evaluation

Identification Process
Inputs from Mentors,
Internal test Performances,
Previous End Semester
Results

Identification of Fast Learner
(Score Greater than 80 %)

Identification of Slow Learner
(Score Less than 60 %)

Online Materials
Seminars, conferences
Journal Publication
Placement in Reputed Firm
To Inspire for Higher Studies

Mentoring
Counseling &
Motivation
Special Classes
Remedial Classes

METHOD OF CATEGORIZATION	ACTION TAKEN
=>8 GPA in Previous semester	• Encouraged to do online courses and Journal Publications. • Encouraged to participate in the National & International workshops, seminars, and conferences. • Motivated to participate in the Hackathons events. • Conducted Technical Talk in the department.
<=6 GPA is Previous semester	• Encouraged the students to secure good marks in the Semester Papers. • Motivated them through counselling. Mentor-Mentee System to understand the difficulties of student's personal and professional problems and to provide necessary guidance. • Special Remedial classes are scheduled and conducted.

Hackathon (competition focused on creating a Chatbot solution) organized by MECL

Participative Learning

Guest Lecture on "CYBER SAFETY"

Guest Lecture On "Data Science, Industrial Robotics and Automation"

Workshop on "Cloud Technology"

Webinar on Carrier Opportunities in Public Health & Sanitation Sector

Experiential Learning

Industrial Visit to Aspect IIT, Nagpur

Industrial Visit to Amul Dairy Anand, Gujrat

The Essence of Data Science and Opportunities for Graduates"

Industrial Visit to K P Solution, Nagpur

Problem Solving Learning

Hackathon Chatbot making Competition-2024 organized MECL, Nagpur

Website Updating Program

Aptitude Test by HCL Technologies, Mihan, Nagpur"
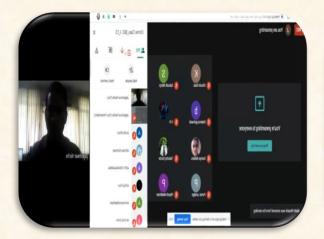
"National Aptitude Test conducted by IMS Learning Resources Pvt. Ltd.

ICT-Enabled Learning

Sr.No.	Contents	Video and Google Class Link
1	LMS Live Demonstration for Teachers	https://youtu.be/UbxYY_xdsCY
2	How to record meeting or online classes in Google Meet	https://youtu.be/a7G6g0ayHKQ
3	How to take Attendance of online classes in Google Meet	https://youtu.be/G0wujCU02vs
4	How to make Online Quiz or Exam using Google Form	https://youtu.be/ReLb429fUkA
5	How to Conduct Online Test Examination using Google Form	https://youtu.be/gQnpoHjiY88

Online classes in Google Meet

Website Link

YouTube Lectures

Lectures using ICT Tools

Students Enrolled

STUDENT PROFILE 2019-2025

Class	2024-2025	2023-2024	2022-23	2021-22	2020-2021	2019-2020
B.Sc.	271	311	362	375	372	311
BCA.	360	320	329	336	244	213
M.Sc.	30	46	80	92	79	72
MCA.	62	60	70	63	42	24
Ph. D.	-	6	3	-	-	2

B.Sc.(Computer Science)

- **Discipline knowledge**: Acquiring knowledge and apply for development of solutions.

- **Problem Solving**: Improved reasoning and mathematical ability to analyse problems related to computer science .

- **Design and Development of Solutions**: Ability to design and development of algorithmic solutions to real world problems.

- **Programming a computer**: Computer Programming for various issues and problems of day-to-day scientific applications.

- **Application Systems Knowledge**: Possessing a minimum knowledge to practice existing computer application software.

- **Communication**: Must have a reasonably good communication knowledge both in oral and writing.

Website Link

Bachelor in Computer Application (BCA)

- **Discipline knowledge**: Acquiring knowledge and apply for development of solutions.

- **Problem Solving**: Improved reasoning and mathematical ability to analyse problems related to computer science .

- **Design and Development of Solutions**: Ability to design and development of algorithmic solutions to real world problems.

- **Programming a computer**: Computer Programming for various issues and problems of day-to-day scientific applications.

- **Application Systems Knowledge**: Possessing a minimum knowledge to practice existing computer application software.

- **Communication**: Must have a reasonably good communication knowledge both in oral and writing.

Website Link

M.Sc.(Computer Science)

- The students will be able to develop aptitude to manifest a wide and extensive knowledge in the field of computer science.

- Ability to think critically for solving various problems and recent trends in computer software.

- The students will be capable of working effectively in diverse conditions as a team.

- The students will be able to develop skills in software design and its implementation.

- The students will be able to apply knowledge of computer science in academic and corporate sectors.

- The students will be able to develop self sustainability as well as competitiveness and employability.

- The students will be able to plan and write a research paper or proposal and assignment in computer science.

Website Link

Master in Computer Application (MCA)

- **Computational Knowledge**: The students will be able to apply knowledge of the computing specialization to the abstraction and conceptualization of computing models.

- **Problem Analysis**: The students will be able to think critically for Identify, formulate, research literature, and solve complex computing problems.

- **Design /Development of Solutions**: The students will be able to design and evaluate solutions for complex computing problems with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

- **Modern Tool Usage:** The students will be able to create and apply appropriate techniques to complex computing activities, with an understanding of the limitations.

- **Professional Ethics**: The students will be able to understand and commit to professional ethics and cyber regulations.

- **Project management and finance**: The students will be able to work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

[Website Link](#)

STUDENTS RESULT (%)

Class	2019-20	2020-21	2021-22	2022-2023	2023-2024
B.Sc.	100	100	100	100	72.88
M.Sc.	100	100	100	97.87	87.09
B.C.A.	91.83	100	99.7	99.00	90.47
M.C.A.	100	100	100	100	100

[Website Link](#) **Merit Positions of RTMNU, Nagpur.** [Website Link](#)

Class/Session	B.Sc.	BCA	M.Sc.	MCA
2019-20		02	04	-
2020-21		07	01	-
2021-22		01	01	-
2022-23		02	02	-
2023-24	01	02	03	08
2024-25	01	01	02	01
Sub-Total	02	15	13	09
Total : 39				

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.

Department of Computer Science

Program Name : M.C.A.

Course Name : Computer Science

Result Analysis of End Semester Examination:-
A- No. of students those who have scored ≥ 75% marks
B- No. of students those who have scored ≥ 60% marks but ≤ 75% Marks
C- No. of students those who have scored ≥ 50% marks but ≤ 60% Marks
D- No. of students those who have scored ≥ 35% marks but ≤ 50% Marks

MCA	Semester-I (W-2023)						
	Appeared	Pass	%	A	B	C	D
	32	23	65.71	0	16	7	0

MCA	Semester-II (S-2024)						
	Appeared	Pass	%	A	B	C	D
	30	26	77.78	6	20	0	0

MCA	Semester-III (W-2023)						
	Appeared	Pass	%	A	B	C	D
	34	29	85.29	01	21	7	0

MCA	Semester-IV (S-2024)						
	Appeared	Pass	%	A	B	C	D
	30	30	100	6	20	4	0

Head of Department

Professor & Head
Department of Computer Science
S S E S Amt's Science College
Congress Nagar Nagpur

Sr. No	Course	File
1	BCA	View
2	MCA	View
3	MSc	View

Website Link

Faculty Profile

Teaching Staff

Sr. No	Course	Total Staff
1	B.Sc. (Computer Science)	06
2	BCA	09
3	M.Sc. (Computer Science)	05
4	MCA	05
Total		**25**

Non-Teaching Staff

Sr. No	Course	Total Staff
1	B.Sc. (Computer Science)	02
2	BCA	02
3	M.Sc. (Computer Science)	01
4	MCA	01
5	Technician	01
Total		**07**

B.Sc. TEACHING STAFF

Sr.No.	Name	Vidwan ID	Qualification	Designation
1.	Prof. M. P. Dhore	562920	M.Sc., M.Phil., Ph.D.	Ex-Principal (Join as a Pro-Vice Chancellor,SGBAU Amravati) on 19/06/2024
2	Prof. S.R. Pande	561089	M.Sc., DCS&A ,Ph.D.	Professor Retired on 28/02/2025
3.	Prof. R.N. Jugele	560834	M.Sc., Ph.D.	Professor Head of the Department
4.	Dr. A. A. Halder	561243	M. Sc., NET, Ph.D.	Assistant Professor
5.	Dr. J. K. Keche	560592	M.Sc., MPhil, Ph.D.	Assistant Professor
6.	Dr. Shilpa Gedam	545372	M. Sc., M.Phil. , NET, Ph.D.	Assistant Professor

B.C.A. TEACHING STAFF

Sr.No.	Name	Vidwan ID	Qualification	Designation
1.	Dr .Varsha C. Pande	561023	M.Sc., Ph.D.	Assistant Professor
2.	Dr. Puja M. Dadhe	561028	M.Sc., NET, Ph.D.	Assistant Professor
3.	Mrs. Anandi U. Bansinge	561040	M.Sc.	Assistant Professor
4	Mrs. Manisha S. Kongre	562675	M.Sc.	Assistant Professor
5	Ms. Amruta J. Thakur	561025	M.Sc.	Assistant Professor
6	Ms. Shrutika V. Lokhande	584353	M.Sc.	Assistant Professor
7	Mrs. Prajakta T. Lakhmapure	560646	M.Sc.	Assistant Professor
8	Ms. Anjali M. Pakhidde	560856	M.Sc.	Assistant Professor
9	Ms.Kaveri A. Kale	561185	MCA	Assistant Professor

M.C.A. TEACHING STAFF

Sr. No.	Name	Vidwan ID	Qualification	Designation
1.	Ms. Asfiya Shireen Shaikh Mukhtar	561106	MCA, MBA, M.Tech (CSE), Ph.D.(Registered)	Assistant Professor
2.	Mr. A. A. Bodkhe	560646	MCA , Ph.D.(Registered)	Assistant Professor
3.	Ms. Ritika. M. Ganvir	561386	M.Sc.(CS)	Assistant Professor
4	Ms. Rasika D. Bagal	561384	M.Sc.(CS)	Assistant Professor
5	Ms. Sonali B Thakur	561102	MCA	Assistant Professor

M.Sc. TEACHING STAFF

Sr. No.	Name	Vidwan ID	Qualification	Designation
1.	Dr. M. T. Wanjari	561002	M.Sc., M. Phil, MCA, MBA, Ph.D.	Assistant Professor
2.	Ms. Aarya A. Chandekar	561016	M.Sc.	Assistant Professor
3.	Ms. Shalaka S. Saygaonkar	560980	M.Sc.	Assistant Professor
4	Ms. Aditi S. Charde	561142	M.Sc.	Assistant Professor
5	Mrs. Shweta M. Gaikwad	561103	M.Sc.	Assistant Professor

Website Link

NON- TEACHING STAFF

Sr.No.	Name	Designation
1.	Mr. N.L. Shende	Lab. Attendant
2.	Mr. R.P. Pittalwar	Lab. Attendant
3.	Mr. C.S. Jodhani	Lab. Attendant
4	Mr. S.M. Bharambe	Lab. Attendant
5	Mr. S.B. Ghagre	Peon
6	Mr. A. D. Badhiye	Peon
7	Shri Arif Shaikh	Computer Technician
	Total	07

Students Achievements

Students of M.Sc and MCA of Computer Science secure II Position in Hackathon Competition organized by MECL Nagpur on 20-21 June 2024

Students of BS.C(computer Science) secured 1st Position in Drama Competition Rotaract Club of YCCE in Collaboration with the Girdhari Bhagwani Foundation.

Achievements/Awards

Faculty Achievements

Dr. A. A. Halder is honoured with Prestigious award **"Distinguished Researcher"** for Teachers and Institution, by VMS Panellists for the Mind Aura LLC USA on 20th June 2022.

Faculty Achievements

Best Teacher Award
Prof. R. N. Jugele
Session 2022-2023

Best Presentation Award
Ms. Asfiya Shaikh
Session 2024-25

Achievements/Awards

NET/SET QUALIFIED STUDENTS

Sr. No.	Name of Student	Course	NET/SET	Year
1	Ku. P.M. Dadhe	M.Sc.	NET	2018
2	Ms. S.B. Raipure	M.Sc.	SET	2022
3	Mrs. S.S. Khandalkar	M.Sc.	SET	2023

List of Ph.D. Awarded

Sr. No.	Name	Guide	Year
1	Mr. Pankaj B. Dhumne	Prof. S.R. Pande	2019
2	Mr. Rakesh K. Dhuware	Prof. S.R. Pande	2019
3	Mr. Amitabh A. Halder	Prof. S.R. Pande	2021
4	Mrs. .Priyanka R. Sarode	Prof. R.N. Jugele	2021
5	Ku. Neha N. Agrawal	Prof. R.N. Jugele	2024
6	Ku. Pooja D. Kavishwar	Prof. S.R. Pande	2024
7	Ku. Subhangi B. Raipure	Prof. R.N. Jugele	2024
8	Ku. Pooja M. Dadhe	Prof. R.N. Jugele	2024
9	Ku. Swati S. Adekar	Prof. S.R. Pande	2024
10	Mr. Sharad S. Hegade	Prof. S.R. Pande	2025

Faculty Research Publication(Journals/Conferences/Books/Patents)

Sr. No	Faculty Name	Research Paper from 2019-2024 Total (170)	Books Total (11)	Patents Total (05)	Google Scholar Profile
1	Prof. S.R. Pande	12			View
2	Prof. R.N. Jugele	25	01	01	View
3	Dr. A. A. Halder	15	04	01	View
4	Dr. J. K. Keche	11	03	01	View
5	Dr. Shilpa Gedam	15	02	02	View
6	Dr. M. T. Wanjari	22	01		View
7	Dr .Varsha. C. Pande	08			View
8	Dr. Puja M. Dadhe	13	01		View
9	Ms. Asfiya Shaikh	08			View
10	Mr. A. A. Bodkhe	07			-
11	Mrs. Anandi U. Bansinge	05			-
12	Mrs. Manisha S. Kongre	05			-
13	Ms. Amruta J.Thakur	06			-

Website Link

Research Scholars Under Supervisors

Sr.No	Name of Supervisor	No of Ph. D. Awarded Students	No of Ph. D. Ongoing Students
1	Dr. S.R. Pande	09	-
2	Dr. R.N. Jugele	04	04
3	Dr. M.P. Dhore	08	07

Website Link

Research Publication

Patents:05

➢ Patent is granted on 14/02/2023 to Dr. Shilpa Gedam for an invention entitled "Photocatalytic Degradation of Mixture of Dyes using TIO2 Nanocrystalline Cooped with ZN and FE" by The Patent officer, Government of India.

➢ Patent is Published on 24/02/2023 to Dr. J. Keche for an invention entitled "Implementation of Techniques towards Security and Privacy for Edge AI in IOT/IOE-based Digital Marketing Environments." by Official journal of the patent office

➢ Patent is Published on 02/2023 to Dr. A. A. Halder for an invention entitled "Implementation of artificial intelligence-based technique integrated with machine learning in asset management "by Official journal of the patent office.

Patents

➢ Patent is Published on 17/02/023 to Prof. R. N. Jugele for an invention entitled "Design of Secure IOT Healthcare Architecture with Deep Learning Based Access Control System "by Official journal of the patent office.

➢ Patent is granted on 06/01/2021 to Dr. Shilpa Gedam for an invention entitled "Borosilicate glass Composition Embedded with CDS/TIO2 composites for INDIGO Carmine Dye Degradation " by The Patent officer, Government of India.

Website Link

Books : 11
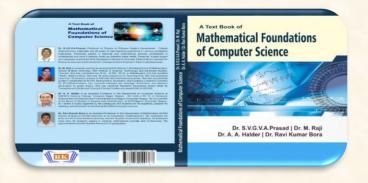
Book Name: Computer Fundamentals
Description: ISBN: 978-93-95021-38-8
Author: Dr. A. A. Halder
Publication: Cambridge Book House
Edition: July-2023
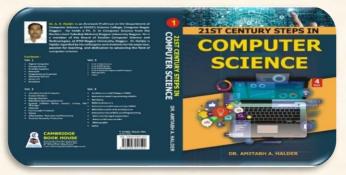
Book Name: Mathematics Foundations of Computer Science
Description: ISBN: 978-81-19140-78-7
Author: Dr. A. A. Halder
Publication: R K Publication
Edition: Aug-2024

Book Name: 21ST Century Steps in Computer Science
Description: ISBN: 978-93-95021-52-4
Author: Dr. A. A. Halder
Publication: Cambridge Book House
Edition: June-2024

Book Name: DESKTOP PUBLICATION
Description: ISBN:978-81-951574-3-3
Author: Dr. A. A. Halder
Publication: Himalaya Publishing House
Edition: Aug-2024

Book Name: OFFICE AUTOMATION As per NEP-2020
Description: ISBN: 978-93-5840-9
Author: Shri. Jageshwar K. Keche
**Publication:** Himalaya Publishing House
Edition: Aug-2024
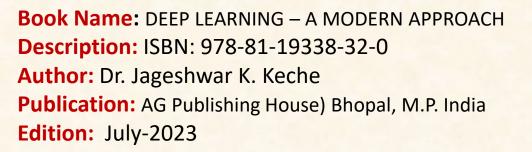
Book Name: DESKTOP PUBLISHING
(Page Maker 6.5 & Corel Draw) As per NEP-2020
Description: ISBN: 978-93-91322-92-2
Author: Shri. Jageshwar K. Keche
Publication: AJAY Educational Series Alliance & Co.
**Edition:** June-2024
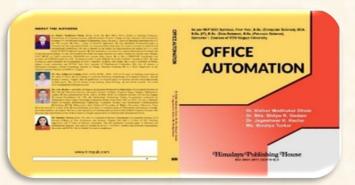
Books Publication

Book Name: DEEP LEARNING – A MODERN APPROACH
Description: ISBN: 978-81-19338-32-0
Author: Dr. Jageshwar K. Keche
Publication: AG Publishing House) Bhopal, M.P. India
Edition: July-2023

Book Name: DATA STRUCTURE
Description: ISBN:978-81-951574-3-3
Author: Dr. Shilpa Gedam
Publication: Preface Book and Co.
Edition: Nov-2023

Book Name: OFFICE AUTOMATION As per NEP-2020
Description: ISBN: 978-93-5840-9
Author: Dr. Shilpa Gedam
Publication: Himalaya Publishing House
Edition: Aug-2024

Book Name: **Programming Solving Techniques with C**
Description: ISBN:978-93-6557-0118-2
Author: Dr. Puja M. Dadhe
Publication: Alliance & C0.
Edition: 2024

Book Name: **Programming in JAVA**
Description: ISBN:978-93-6557-0118-2
Author: Dr. Manish Wanjari
Publication: : Himalaya Publishing House
Edition: 2024

[Website Link](#)

➢ Six well-equipped air-conditioned Computer Laboratories

➢ Admeasuring 1600 sq. ft. + 1200sq. ft.+ 1000 sq. ft.+1000 Sq. ft. + 1200sq.ft. + 100 sq. ft.

➢ Total carpet area is 6100 sq. ft.

➢ There are 240 Advanced Computer Machines with Legal Software's.

SOFTWARE PACKAGES

- Microsoft Windows XP, 2003, Vista
  MS-Office 2003,2007
- Turbo C++ 4.5
- Visual Studio 6.0
- Oracle 10g
- Visual Studio.NET
- Red Hat Linux
- JAVA , Text Pad , NetBeans
- Adobe Photoshop
- IBM Rational Rose Software Engineering tools
- IBM Tivoli Programmed for Software Monitoring and 0nline software Distribution.
- MATLAB
- Weka

Departmental library is equipped with 215 titles. These books are donated by various book publishers and Teaching staff of the department. Books are made available to the students and staff for reference purposes.

Facility for effective conduct of Teaching learning

LAB-1 (M.Sc.)	50 (P-IV Machines)
LAB-2 (Advance Computing Center)	50 (P-IV Machines)
LAB-3 (MCA)	30 (P-IV Machines)
LAB-4 (BCA)	40 (P-IV Machines)
LAB-5 (BCA)	50 (P-V Machines)
LAB-6 (Research)	06 (i3 - Machines)
Laptop	03
LCD Projector	04
Scanner	01
Laser Printers	14
External DVD Writer	01
Lease line	50 Mbps
Smart Panel	02

Website Link

Physical Facilities

Total No of Laboratories :06

(B.Sc.)
Advanced Computing Center
No of Computers-50

(MCA)
No of Computers-30

(M.Sc.)
No of Computers-50

(BCA)
No of Computers-40

(BCA)
No of Computers-50

RESEARCH LABORATORY
No of Computers-8

Seminar   : 16
Workshop   : 06
Industrial Visit   : 05
Inter-Collegiate Online Quiz Competition   : 04
Organized National Conference   : 01
Screening Test   : 04

Website Link

Conference Organized

National Conference on Research Innovation in ICT and Computing   Technologies (NCRIICT-2023) March 27-28, 2023

Key-notes Speaker of National Conference (NCRIICT-2023)

Organizing Committee of National Conference (NCRIICT-2023)

Inugration Program of NCRIICT-2023 at the hands of Dr. Shubhas Choudhari, Vice-Chancellor , RTMNU Nag.

Unveiling of Souvenir at the hands of Dr. Shubhas Choudhari, Vice-Chancellor , RTMNU Nagpur.

Seminar

Seminar on "Cyber awareness"

Seminar on "New Technologies & Career Guidance."

Seminar on scope of C,C++,UNIX OS in Company

Seminar Cum Awareness Program on programming skill

Workshop
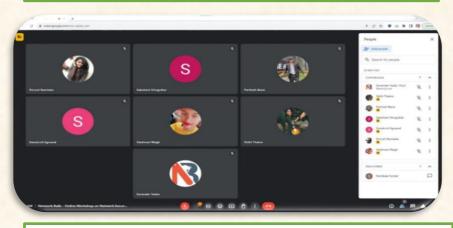
Workshop on "Cyber Security" dated 28/04/2022

Workshop on Word Press 13.11.2022

Workshop on "Cloud Technology" dated 11/02/2023

Virtual workshop on Network Security & Ethical Hacking dated 09/09/2-23

Eminent Visitors

Dr. Sagar S. Jambhorkar, Faculty of Computational Science, National Defense Academy, Khadakwasla, Pune

Dr. Satish Agrawal, National Australia Bank, Melbourne, Australia.

Dr. Navin M. Punjabi ,Board of Governance, Member, Academic Council, HANC University, Mumbai.

Mr. Nirmik Rathod ,Director, Coder Fuel Infotech, IT-Park, Nagpur.

Glorious Alumni

➢**Bhijeet Bisen**
Vice President ,
for Development and
Testing, Global Step UK.

➢**Reetesh Singh**
Executive Director .
Morgan Stanleg
Advantage Service,
Bangalore.

➢**Nikil Shrikhande**
Mainframe Crypto
H/W& S/W specialist ,
Lloyds Banking group
UK.

➢**Nitin Mahajan**
Lead Engineer/
Vice President.
Well Fargo Bank USA.

➢**Prof.Vinay Chauhan**
Principal ,S .K .Porwal
College Nagpur.

➢**Rohit Nath**
Senior Director ,
Visa Consolidated
support Service ,India
Pvt Ltd,Bangalore.

Website Link

COMPARISION

Particulars	Cycle III	Cycle IV
Computers	226	350
Supervisors	02	03
Ph. D. Faculties	03	08
Students pursuing Ph. D.	06	11
Students awarded Ph. D.	01	21
Students qualified NET/SET	09	11
Research Publications (In Journal)	23	174
International/National Conferences attended by Faculties	58	88
Workshop/Seminars/Symposia attended by Faculties	10	75
Wi-Fi	20 MBPS	50 MBPS
Ph.D. Entrance Centre	Yes	Yes
ARC Centre for MCA admission	Yes	Yes
M.S. Board Teachers Training Program	Yes	Yes

Future Plan

Long Term Future Plan

- Teach students the basic principles that underlie modern computational technology.
- Help students to apply their knowledge of computer science to address the real-life problems. .
- Familiarize students with current technological trends and breakthroughs in computer science, such as machine learning, robotics etc.
- Encourage students to participate in national and international conferences in the field.

Future Plan

Short Term Future Plan

- Strive to become a center of excellence in the discipline.
- Encourage students to take up entrepreneurship in the field.
- Encourage the interdisciplinary research.
- Expand current capabilities of research center and laboratories.
- Establish the collaboration with multidisciplinary stream where students can collaborate with other departments for research.

SWOT Analysis

Weaknesses

- Average students seek admission in B.Sc./M.Sc. Courses.
- Less employment opportunities for B.Sc. pass out students.

Threats

- Creating interest in students for B.Sc.
- Training the average students of B.Sc./M.Sc.. Courses.
- Internship for PG students in Multi National Company's.
- Campus Placement at UG and PG level.

Strengths

- Three Ph.D. supervisors.
- Two Post Graduate courses (M.Sc. and MCA).
- Add-on course on Web Technology.
- Teachers-Mentor Scheme.
- CPE Status to Department.

Opportunities

- Recognized centre for higher learning and research.
- IT-Industry Linkages.
- Training & Placement cell.
- Employment potential in IT-Park & Cargo Hub MIHAN Nagpur.