DEPARTMENT OF ELECTRONICS

REPORT 2022-23

Established year 1989

GOALS :-

It is one of the most challenging subject related to technology providing the tremendous scope in various fields. The department has always been interested not only in updating the curriculum, but also in enhancing the laboratory facilities to cope up with the new development in the technologies. The department offers hands on training to the students to meet the requirement of the industry. Guiding the students to excel in each of the fields and to make them well equipped to face challenges posed by the industry with confidence and dedication.

OBJECTIVES :-

1) To Prepare the students for successful and productive career choices in both public and private sectors in the field of electronics .
2) To Prepare the students for their career in Govt. sectors also.
3) To provide students with a solid foundation in the field of electronics this serves them lifelong in their professional domain as well as higher education.
4) To Provide students with an academic environment that ignites in one the spirit of excellence, develop the urge of discovery, creativity, inventiveness, leadership and overall ambience that fosters brilliance.

DEPARTMENTAL STAFF :-

Sr.No.	Name of teaching /non teaching staff	Designation	Qualification	Teaching Exp.	Research paper
1	Shri R.G.Chavan	Asso.Prof.	M.Sc.	23 years	4
2	Dr. R.D.Chaudhari	Assist. Prof.	M.Sc.,M.Phil.Ph.D.	15 years	15
3	Mr.G.B.Giri	Lab.Assist			

Result Year 2019-20 :-

The examination result of S.G.B.Amravati University, Amravati in the year 2019-20

Sr.No.	Class	Result
1	B.Sc –I	Awaited
2	B.Sc.-II	Awaited
3	B.Sc.-III	65%

PARTICIPATION OF TEACHERS IN CONFERENCES:-

1	2022-23	Attended International interdisciplinary VirtualConference on Recent Advancement in computer Science,Management and IT at Shri Khandelwal college ,Akola	Shri Khandelwal college ,Akola	International

1	2022-23	Artificial Intelligence using Neural Network D.S.S. for Iris detection	International journal of Advances in Engineering and management (IJAEM)	ISSN NO. 2395-5252	YES, Peer reviewed 7.429
2	2022-23	Artificial Intelligence using Neural Network D.S.S. for Iris detection	International Journal of Scientific Research in computer science ,engineering and IT (IJSRCSEIT)	ISSN NO. 2349-638x	YES, Peer reviewed 7.254

Achievement of the Staff

Mr.R.D.chaudhari ,Assit.Prof. has completed his Ph.D. titled **"**Artificial Intelligence using Neural Network D.S.S. for Iris detection "

Infrastructure Development and Instruments in the Year 2019-20:-

Nil

STRENGTH :-

1)Good laboratory infrastructure with state of art hardware and software tools.

2) Excellent research facility available with advance instruments. (CRO.DSO,LCD projector)

 3)Versatile and talented faculty and technical persons.

WEAKNESSES :-

1)Students teacher ratio.

2)Research funding and support.

3) Soft skill and communication skill of students need to be improved.

Opportunities :-

1)   More MOUS with industry and Education Sectors.

 2) platform for interdisciplinary research.

 3) Joint curriculum with other departments.

Challenges :-

1)To frame and design an effective curriculum, teaching learning methodologies that bridges the gap between industry and institution.

2) To covert the laboratory into a smart automated lab.

3) To establish a smart microcontroller programming lab.