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Department of Collegiate Education

GOVERNMENT FIRST GRADE COLLEGE,
SHIKARIPURA

REPORT

Of
IQAC Sponsored Special Lecture
2016-17

TOPIC:

BASICS OF MICROCONTROLLER 8051

on

21.02.2017

Organized
BY

DEPARTMENT OF ELECTRONICS

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GOVERNMENT FIRST GRADE COLLEGE, SHIKARIPURA
DEPARTMENT OF ELECTRONICS

REPORT OF SPECIAL LECTURE

IQAC sponsored Special Lecture program was organized by department of Electronics on 21st of February 2017 for B.Sc.VI Semester (PME) students on the topic 'BASICS OF MICROCONTROLLER 8051'. The topic of special lecture relates to both theory and practicals in their syllabus. Kum. PRIYA B.S., Research Scholar, Department of PG Studies and Research in Electronics, Kuvempu University attended as resource person. Resource Person has gone through National Eligibility Test (NET), conducted by UGC and also passed State Lectureship Eligibility Test conducted by Karnataka Government. She has been working as research scholar for Ph.D. degree since last two years.

The program was scheduled into two sessions ie. from 11.30 to 1.30pm & 2.00 to 3.30pm. The topics covered in the special lecture included introduction of processors, types, comparison of microprocessor and microcontroller, architecture of 8051 microcontroller, registers of 8051, instruction set, addressing modes of 8051 etc.

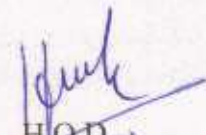
Dr. H.K.Manjunatha Reddy, HOD, Department of Electronics welcomed the gathering, delivered the keynote address and also introduced the guest to the gathering. Dr. G.R. Hegde, Principal presided over the function and informed the students that the real intention of such programs will be full filled only when the students having lot of interactions with the resource person and gain the knowledge. Prof. Divya B.R., Guest Faculty of the department assisted in organizing this program and assisted resource person throughout the program for both sessions, and contributed a lot for the success of the program.

All the final year B.Sc. (PME) students attended this function and made it very meaningful by actively participating in the special lecture program by interacting with resource person as and when the doubts had raised. A good response was witnessed about the resource person and the program by the students through the feedback obtained from them through the prescribed printed format. Most of them mentioned that the seminar was meaningful and very informative. Resource person also appreciated the students for their active participation and the interest they had shown in both the sessions.

Faculty of this department wishes to thank resource person Kum. Priya B.S., Principal of our college and IQAC of the college for extending their cooperation in organizing this activity which directly benefits the students.

Date: 22.02.2017


PRINCIPAL
Government First Grade College
SHIKARIPUR-577 427


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GOVERNMENT FIRST GRADE COLLEGE, SHIKARIPURA
DEPARTMENT OF ELECTRONICS
PHOTOS OF SPECIAL LECTURE DATED 21.02.2017



- Inaugural Function(L-R): Kum. Priya B.S.,(Resource Person), Dr. G.R.Hegde (Principal), H.K.M. Reddy
- Introduction of Guests and Keynote Address by Dr. H.K.M. Reddy, HOD, Department of Electronics.



- Introductory Speech of the Special Lecture Topic by Kum. Priya B.S.,(Resource Person)

GOVERNMENT FIRST GRADE COLLEGE, SHIKARIPURA
DEPARTMENT OF ELECTRONICS
PHOTOS OF SPECIAL LECTURE DATED 21.02.2017



- Lecture Session by Kum. Priya B.S.,(Resource Person)



- IV SEM B.Sc. (PME) Students attending Special Lecture Program

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Department of Collegiate Education
Government First Grade College
SHIKARIPURA

REPORT

Of
IQAC Sponsored One Day Workshop

Topic
8051 MICROCONTROLLER
INTERFACING

On
30.04.2017

Organized By
Department of Electronics
Government First Grade College
SHIKARIPURA

IQAC Sponsored One Day Workshop
ON
8051 MICROCONTROLLER INTERFACING

PROGRAM SCHEDULE

INAUGURATION : 10.30 - 10.45AM

I SESSION : 10.45 - 1.00PM **Theoretical aspects of 8051 interfacing**
Resource Person: **Kum. Priya B.S.**

TEA BREAK : 11.45AM

LUNCH BREAK : 1.00 - 2.00PM

II SESSION : 2.00 - 4.30PM **Practical Session(8051 Interfacing Programs)**
Resource Person: **Kum Chaitra B.M.**
& Kum. Divya B.R.

TEA BREAK : 3.15PM

VALIDICTORY : 4.30 - 5.00PM

30.04.2017

Government First Grade College, Shikaripura
DEPARTMENT OF ELECTRONICS

Report of IQAC Sponsored One Day College Level Workshop

IQAC sponsored One Day College Level Workshop was organized by Department of Electronics on the topic '8051 Microcontroller Interfacing'. The workshop mainly focused for B.Sc.VI Semester Students of PME combination, as the topic was part of their syllabus and the in depth knowledge of this topic is not only important for UG studies but also useful for further studies (PG) and also related to professional courses.

Kum. Priya B.S., Research Scholar and Kum. Chaitra B.M., Guest Faculty from Department of PG studies and research in Electronics, Kuvempu University attended as resource persons. All final year students and interested students of I & II year have also participated in this workshop. Kum. Divya B.R., Guest Faculty of the department played an active role in successfully conducting the practical session in the afternoon session and also assisted the guests through the workshop.

Dr. H.K. Manjunatha Reddy, Assoc. Professor and HOD Department of Electronics delivered key note address and introduced the resource persons to the gathering in the inaugural session. Dr. G.R.Hegde, Principal, presided over the function and insisted the students to make best use of workshop and get benefit out of it since the topic was highlighted to be important for further studies.

The workshop was conducted on 30.04.2017 and was scheduled from 10.30 AM to 5.00 PM. It was divided into two sessions. Morning session from 10.30AM to 1.00 PM which included theoretical aspects of 8051 interfacing which included introduction, need, description of ports, port addressing instructions and assembly level programs as related to interfacing. Evening session from 2.00 to 4.30 PM which dealt with the Practical Session included demonstration of various interfacing circuits using microcontroller 8051 and later participants were allowed to work with the interfacing circuits individually to get more practical knowledge.

Kum. Divya B.R. bid vote of thanks to the resource persons and the students for making this program a grand success by actively participation. Also thanked Principal, HOD of the department and IQAC committee members for extending their cooperating in meaningfully organizing this function.

Feedback obtained orally by few participants at the valedictory function and through the feedback obtained in the prescribed formats reflects that the program was very useful and the information provided by the resource persons was good.

Date: 05.05.2017


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