

NEWS LETTER

IEEE NO. 12

IEEE PAKISTAN SECTION

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LETTER

April — September, 1999

FOR CIRCULATION AMONGST MEMBERS ONLY

**IEEE PAKISTAN SECTION
SECTION OFFICERS**

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EDITORIAL COMMENTS

Dear Members,

We are extremely sorry for the delay in publication of the News Letter which is due to going abroad of the past Editor without advance intimation to the Section. This issue, therefore, covers the activities of the Section for the last two quarters i.e. from April to September 1999.

It is quite encouraging that our membership graph is continuously growing during the past years. However, attendance / participation of the members in the executive committee meetings has been a point of concern. It is hoped that the worthy members would participate in the deliberations regularly and discharge their obligations more effectively.

People all over the world have already heard of the Y2K bug, the worldwide computer glitch that will cause large scale problems as yet to be known. Since the early days of computers, the dates recorded in the computer programs showed only the last two digits of the year. No one could foresee that on arrival of the year 2000, computers would read the year as 1900 (00).

The supposed problem is that many computers will go haywire when they read the date as 1900. It is feared that such things like drivers license records will show you to be too young, credit cards will be invalidated, and so on. The situation has been blown out of proportion, and to most people, December 31, 1999, will pass like any other night, if not for being a day of worrying and partying.

It is hoped that the engineers / It professionals would be able to combat this problem.

Very truly yours,

(Engr. Amjad Javed)
Editor News Letter



MEETING CORNER

1. Executive Committee Meeting dated

April 10, 1999

A meeting of the Executive Committee was held on 10th April 1999 (Saturday) at 1230 hrs at ICC auditorium 242-A Anand Road, Upper Mall, Lahore. The outcome on the important issues discussed in the meeting is reported below:

(a) **Calendar of Activities for 1999**

Various committee Chairs were again reminded to work out their calendar of activities. Engr. Fayyaz Ali Shah, Chair Technical Activities, was requested to contact the institutions (identified by the Chairman and recorded in MOM of 23rd January 1999) for delivery of lectures.

(b) **Annual Reports for 1998**

For the first time, the Section accounts were audited by independent auditors and their report was sent to IEEE HQ Region 10. It is a matter of satisfaction to report that IEEE HQ appears to be quite satisfied with Section activities and reporting. In fact the Managing Director RAB has taken several actions to solve our pending cases including recognition of UET Taxila Branch.

(c) **Islamabad Sub-section**

MOM of the meeting held on 12-12-98 were received. The holding of a technical lecture by the sub-section was noted. It was suggested in the meeting that a letter be written to the Chair Islamabad Sub-section to re-activate the Sub-section vigorously pursuing its activities including holding of more meetings and lectures/seminars with a view to upgradation of the sub-section to the status of a Section.

(d) **Student Branches**

— Recognition of IEEE Student Branches at University of Engineering and Technology Taxila and at Engineering University Mirpur (A.K.) is in progress.

— GIKI held Senior Student Poster Session in April 1999.

(e) **Status of Reports on FISC '98 and INMIC '98**

The report for FISC '98 has been sent. A partial report for INMIC '98 has also been sent.

(f) **Region 10 Meeting and Proposed Report**

The Chair Pakistan Section, due to his preoccupation, could not attend the Region 10 Meeting held at Bali on April 23-24, 1999. However, a detailed report prepared by him was e-mailed to the Region 10. The Section will try to obtain the Report on the results of the Meeting via mail.

(g) **National Society Agreement**

The Committee suggested that Section should contact local engineering institutions like IEP and IEEEEP for holding seminars through joint collaborations.

(h) **Annual Dinner**

Mr. Hasnain Reza Mirza undertook to plan and organize the function of annual dinner, as was decided in AGM '98.

2. PES/IAS Chapters Meeting dated

April 24, 1999

Administrative meeting of the Chapter was held on 24th April, 1999 in ICC auditorium, 242-A Anand Road, Upper Mall, Lahore. The outcome on the important issues discussed in the meeting is reported below:

(a) **Review of Schedule of Activities**

(i) It was suggested to initiate arriving at an understanding with IEEEEP and IEP for joint sponsorship of seminars, lectures and symposia.

(ii) Engr. S. Fayyaz Ali Shah was requested to prepare a plan for holding a national seminar on the Power Scenario in Pakistan.



YOU HAVE THE POWER OF CHOICE

*Contributed by Cindy Tiritilli, Program Administrator
IEEE Industry Standards and Technology Organization*

Nature is at work around you.
Character and destiny are her handiwork.
She gives you love and hate, jealousy and reverence.
You have the power to choose which impulse you follow.

While your character is formed by your circumstances,
your desires can shape those circumstances.
The one thing over which you have absolute control
is your own thoughts.
It is this that puts you in a position to control
your own destiny.

You can at any time decide to alter the course of your
life.

No one can take that away from you.

You can do what you want to do.

You can be who you want to be.

Your greatest power is the power to choose.

(b) **Start-up Money from HQ**

The Chapter received a sum of US\$ 500.00 as start-up money from the HQ.

(c) **PES Outstanding Engineer Award - 1999**

A time table has been framed for orderly selection of PES Outstanding Engineer for the year 1999. Shortly, all members will be informed individually about the program and will be encouraged to take part in the contest which will be finalized by October 1999. A beautiful plaque and certificate (to be obtained from HQ) will be awarded to the winner.

(d) **PES Meeting 2000**

(i) PES winter meeting 2000 is being held in Singapore on 23-27 January 2000. The organizers have called for papers. Members are encouraged to participate in this professional and technical activity.

(ii) Secretary PES/IAS Chapter was requested to prepare the budget for 1999 and put up to the Chairman.

3. Executive Committee Meeting dated May 29, 1999

A meeting of the Executive Committee was held on 29th May 1999 at 1230 hrs. in ICC auditorium, 242-A Anand Road, Upper Mall, Lahore. The outcome on the important issues discussed in the meeting is reported below:

(a) **Role of Professional Activities**

A copy of the latest communication regarding the role of Professional Activities was received to the Section from Mr. Joel Synder, Chair International.

(b) **Section Congress '99**

It was informed that the Section Congress '99 was scheduled to be held in Minneapolis (USA) in October 1999. The theme of the Congress is "Designing the Next Century". Chairman Pakistan Section has been invited to attend the Congress. Members were requested to send in their suggestions/proposals concerning the theme of the Congress so as to make the presence of Pakistan Section more prominent.

(c) **Problems at GIKI Student Branch**

Regarding complaint by some students of Constitution violation in the election of officers at GIKI, Chairman gave some suggestions to the Counselor who agreed to sort out the matter after his return from USA and when GIKI is in session.

(d) **PES Regional (Asia-Pacific) meeting at Singapore**

The first ever Asia-Pacific regional meeting of PES (termed as Retreat/Strategic Meeting) was held at Singapore on 30th April and 1st of May 1999. Engr. Riaz Ahmad Bhutta, Chapter Chair of PES/IAS Chapter of Pakistan Section represented the local Chapter. The meeting was attended by delegates from Australia, China, Taiwan, Korea, India, Singapore and Thailand and was presided and conducted by Messrs B. Speckman VP Membership/Chapter Activities PES & Prof. A.C. Liew PES Regional Representative Asia & Pacific. They explained the



various resources available to the chapters from PES for membership development and chapter activities. Grants upto \$ 100,000.00 have been earmarked for 1999. Besides, loans are also available. There are many awards (such as Chapter Outstanding Engineer Award, Region Chapter Award, Membership Contest Award, Chapter Support Award) available as incentives for good work and demonstration of excellence in the power engineering profession. Special emphasis was laid to encourage student membership and for publicity of GOLD benefits.

An amount of \$500.00 to \$ 1000.00 is available from PES to a chapter for organizing an activity which has approval of the Regional Representative and/or VP Membership/Chapter Activities. A need was felt for launching a drive to motivate members to apply for elevation to Senior Member Grade. The Section gets \$10.00 for each new Senior Member.

- (e) **GIKI Proposal for INMIC '2000**
Regarding GIKI proposal to organize INMIC '2000, the Executive Committee agreed to give a 'Go ahead' signal to GIKI to proceed with the call for papers. However, it was desired that a detailed proposal should be submitted by the organizing institute latest by October, 1999.

4. Executive Committee Meeting dated July 31, 1999

A meeting of the Executive Committee was held on 31st July 1999 at 1230 hrs. in ICC auditorium, 242-A Anand Road, Upper Mall, Lahore. The outcome on the important issues discussed in the meeting is reported below:

(a) **Business arising out of previous minutes**

1. Section Congress '99'

Some suggestions for the Conference theme given by the members are reproduced here below briefly:

- (i) Mr. Sajid Aziz observed that openness, as a corollary to development the internet, has already demolished political barriers between various countries of the world

making it a global village. It is needed that there should be similar openness in matters regarding travel, trade and transfer of technology.

- (ii) Dr. Fayyaz Akram observed that the engineers who are in management cadre have better incentives than the engineers who are purely doing the technical job. This disparity should be removed and engineering should be made more lucrative than management, especially in the engineering organizations.

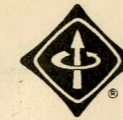
- (iii) Engr. Riaz Bhutta said that engineers and professionals get little applause and publicity for their ingenuity and innovating ideas that have created revolution in the 20th Century and they will continue to do so in the next century at the greater pace. Let us name the 21st Century, therefore, as the century of engineers, scientists and IT professionals.

- (b) **Attendance/Participation in the meetings**
The Section Chair and Secretary stressed upon the executive committee members that it was their obligation to spare time to come to the meetings regularly. It was hoped that the worthy members would participate in the deliberations and discharge their obligations.

- (c) **Status of INMIC'99 - Proposal from FJWU**
It was felt that holding of INMIC '99' may not be materialized due to financial constraints with the Section and delay in generating sponsorships.

- (d) **Progress of Student Activities**
The recognition, by IEEE HQ, of the UET Taxila Student Branch was announced.

- (e) **Budgeting of \$ 750.00 for Section Congress '99**
The house approved a budget of \$750.00 to meet partial expenditure on the forthcoming visit of



Section Chair to attend the Section Congress 99 in Minneapolis, USA.

(f) **Certificate of Appreciation by President IEEE**

The members were informed that the Past Section Chair, Mr. Shafiq A. Siddiqi, has been facilitated by President IEEE for his voluntary services as Section Chair as a token of his leadership and contribution towards the advancement of IEEE and the engineering profession during 1997-98.

The members congratulated Engr. Shafiq A. Siddiqi for this honour.

(g) **Awards to the Section Members**

The Secretary stressed the need for creating more awards to the Section IEEE members to recognize the good work being done by them in various positions. A committee comprising the Secretary and Engr. Hasnain Reza Mirza will formulate the recommendations on the additional awards and forward the same to Engr. S.A. Mannan, Chair Awards Committee, for his consideration and further action

(h) **Membership Development**

A set of five IEEE membership forms were supplied to every member for the membership development.

TECHNICAL LECTURES

The following seven technical lectures were held during the period April — September, 1999.

Date	Subject	Speaker	Venue
1. April 21, 1999	Presentation regarding WIPONET	Dr. Inayat Syed Director (IT) WIPO	LUMS, Lahore
2. May 29, 1999	Brushless D.C. Motors	Dr. Tahir Izhar, EED, UET, Lahore	ICC Auditorium
3. June 05, 1999	Design, Manufacture & Use of Tubular Poles in Pakistan for Transmission and Distribution Lines	Dr. Ahmet Kasikci Lahmeyer International	PICS, Lahore
4. June 29, 1999	Electrostatic Discharge Phenomenon, Effects & Protective Measures	Dr. T.A. Shami EED, UET, Lahore	ICC, Auditorium
5. August 16, 1999	Multimedia for the Next Century Using MPEG-4	Dr. Ishfaq Ahmad Dept. Of Comp. Science Hong Kong University	LUMS, Lahore
6. August 28, 1999	Workshop & Seminar on JAVA	Conducted by Mr. Ghulam Abbas, Software Engineer ABN Amro	FAST-ICS, Lahore
7. August 28, 1999	Solar Energy Technologies for Electric Power Generation in Pakistan	Dr. Prof. Lubna Ijaz President, Virginia Instt of Solar Renewable Energy Technologies, USA	Avari Hotel, Lahore



ELECTIONS

Student Branch - GIK Institute of Engineering Sciences and Technology, NWFP .

The election of IEEE GIK Student Branch was held on May 06, 1999 and the following were elected:

Mr. Ammar Tahir Ali	-	President
Sheraz Anjum	-	Vice President
Aun Hussain	-	General Secretary
Kamran Murtaza	-	Treasurer

Student Branch - National University of Sciences & Technology (NUST) Rawalpindi.

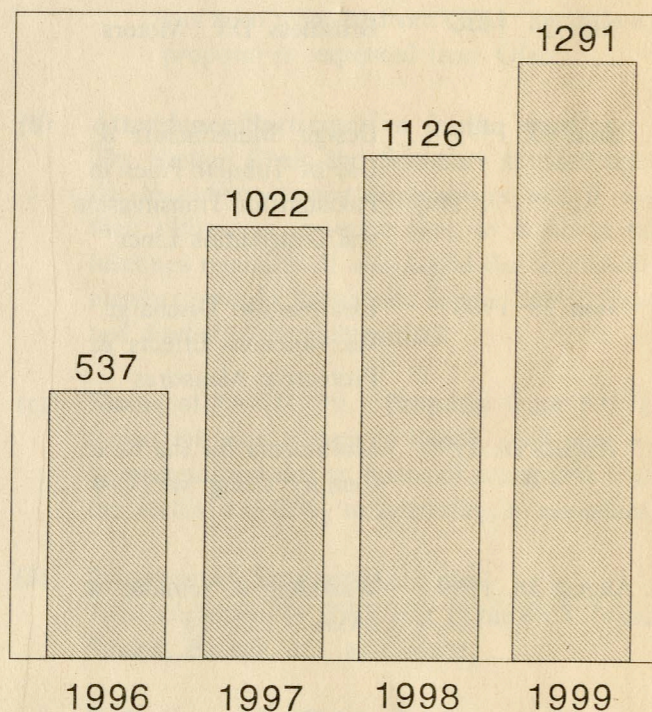
The following will be the Executive Committee of IEEE NUST Student Branch until holding of the new elections :

Mr. Mojceeb Bin Ihsan	-	Counselor
email: mihsan @ emenust.sdnpk.undp.org		
Faiq Arshad Farooqi DE-16 (E)	-	Chairman
Adeel Ahmed DE-17(C)	-	Vice Chairman
Khurram Jahangir Khan DE-18 (C)	-	General Secretary
Faisal Abdullah DE-18 (C)	-	Treasurer
Asfandyar Khan DE-18 (E)	-	Director Memberships
Najam Ul Hassan DE-17 (C)	-	Director Publication
Saadia Fatima DE-18 (C) and Aizaz Nadeem DE-18 (C)	-	Editors Newsletter

Membership Development

It is heartening to note that despite difficulties in foreign exchange transactions, our membership has continued to grow. As is evident from the table below, the total figure under all categories has reached from 537 in 1996 to 1291 in 1999.

Category	1996	1997	1998	1999
Fellows	—	1	1	1
Life Senior Members	1	2	2	4
Senior Members	22	22	26	24
Members	138	234	247	249
Life Members	3	3	3	3
Pending Members	8	8	10	4
Affiliate Society	12	25	22	25
Associate Members	60	106	151	168
Student Members	292	616	646	809
Pending Students	—	1	—	—
Unknown	1	4	18	4
Total	537	1022	1126	1291



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- ✓ Ideas and information at conferences and workshops
- ✓ Networking with colleagues at local events
- ✓ Members-only financial services
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The best time to be an IEEE member is NOW!

Connect with new technologies, on-line resources, member savings, professional peers and prospective employers. IEEE member benefits are more valuable than ever!

Recruiter Incentives

	US\$ credit voucher amount
Recruit 1-2 members'	a chance to win 1 year of FREE IEEE membership*
Recruit 3-5 new members	\$10.00 + a chance to win 1 year of FREE IEEE membership**
Recruit 6-9 new members	\$20.00 + a chance to win 1 year of FREE IEEE membership***
Recruit 10 new members or more	One year free IEEE membership for the year 2001!

Applicants must be above student grade.

One voucher with the amount earned will be mailed to each successful recruiter in September/October 2000 and will be valid toward IEEE dues, technical society fees, or IEEE products and services. IEEE credit vouchers are not redeemable for cash and will expire on 31 December 2000. Each winner of a free IEEE membership will be contacted directly.

Start Date:
1 September 1999

Earn IEEE Credit dollars and a chance to win FREE IEEE membership for 2001!

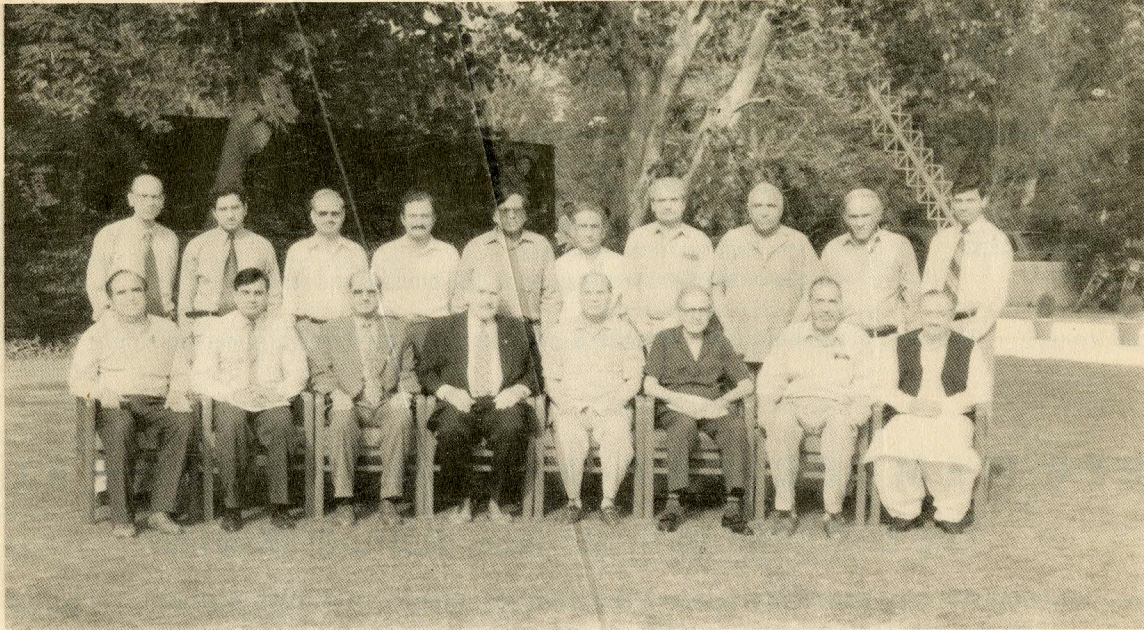
End Date:
15 August 2000

- * For every 30 recruiters of 1-2 new members, one recruiter will get a FREE 2001 IEEE Membership
- ** For every 20 recruiters of 3-5 new members, one recruiter will get a FREE 2001 IEEE Membership
- *** For every 15 recruiters of 6-9 new members, one recruiter will get a FREE 2001 IEEE Membership

Please Note That...

Student members, Society Affiliates, nonmembers and past members are not eligible as Member-Get-a-Member recruiters, Student members, however, are eligible to participate in the Student-Get-a-Student-Member (SGS) contest. Contact IEEE Student Services (732-562-5392) or your IEEE Student Branch Counsellor, or visit www.ieee.org/sgs/ for more information. Only a brand new IEEE member recruited by an active IEEE member, or a first-time move from Society affiliate to IEEE member, makes the recruiter eligible for the Member-Get-a-Member program (existing members, late renewals, and Student members are not eligible).

Recruiter awards are only permitted on applications received that are not part of any other membership incentive or recruitment program (e.g. Society conferences discounted dues programs, free Society membership program, etc.)



**“DESIGN, MANUFACTURE & USE OF TUBULAR
POLES IN PAKISTAN FOR TRANSMISSION AND
DISTRIBUTION LINES”**

Dr. Ahmet Kasikci, a Turk Engineer spoke on the subject of “Design, Manufacture & Use of Tubular Poles in Pakistan for Transmission and Distribution Lines” on 5th June 1999 at 1430 hrs. at Punjab Institute of Computer Science, 31-Main Gulberg, Lahore.

Dr. Kasikci is a Turkish Engineer specializing in the design of transmission lines. He highlighted the benefits of tubular pole transmission for bulk power transmission in big cities. Briefly he gave a step-by-step methodology of tubular pole design with special reference to their manufacture in Pakistan.

Dr. Kasikci has designed 220kV transmission lines on poles in Karachi area and 500kV transmission lines on towers in Philippines. His doctoral work is on insulator in polluted environment. He is working as an independent Consultant.

IEEE Pakistan Section is thankful to the management of Punjab Institute of Computer Science to provide venue and make excellent arrangements for the lecture. Their auditorium is one of the best-equipped auditoriums in Lahore.

BOOK POST

NEWSLETTER

For members only

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